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ABSTRACT

This report (a continuation of the Indiana University vocabulary study) identifies words children frequently misspell and analyzes the representative spelling patterns at different grade levels. The report is in three sections and addresses seven questions. Section 1 reports on the analysis of the high frequency words across grades, asking: (1) What are the high frequency words and are they usually spelled correctly?; and (2) How many words make up the majority of the running words? Section 2 reports on the analysis of commonly misspelled words across four grade levels, asking: (3) What words or categories are problematic across the grades?; and (4) What is the relationship between the number of different words and the number of running words in each category? Section 3 reports on the analysis of misspellings problematic at specific grade levels, asking: (5) How consistent are the categories developed in Section 2 when looking at grade levels separately?; (6) Are the patterns of misspellings at each grade level different from those identified in Section 2?; and (7) What categories are most problematic at each grade level, and does this change from grade to grade? Twenty-five tables of data are included, and nine appendixes contain high-frequency word lists at each grade, most often misspelled words, and commonly misspelled wordlists for grades 2-8. (SR)

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AN ANALYSIS OF THE SPELLING PATTERNS OF CHILDREN IN GRADES TWO THROUGH EIGHT

A study of a National Sample of Children's Writing

Roger Farr
Cheryl Kelleher
Katherine Lee
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OVERVIEW OF THE STUDY

The purpose of this report is to identify words children frequently misspell and to analyze the spelling patterns they represent at different grade levels. This report is a continuation of the Indiana University vocabulary study. A complete explanation and description of the study are included in the initial report (Farr, Beverstock, and Robbins; 1989). The initial study included writing samples from three national writing assessments and four state writing assessment programs. In the initial study, word lists were produced which included among other variables the real word attempted, and for each real word its various misspellings, the number of attempts, the number and percent of attempts spelled correctly, the number and percent misspelled, and the number of variants (different misspellings). Analysis focused primarily on the generated word lists at each grade level in order to more easily address the purpose of the first phase study.

DATA SUMMARY

A summary of the data is reported in Table 1 which indicates for each grade the number of essays, different words[1] (both correct and misspelled), misspellings[2], total number of running words[3], and the percent of words spelled correctly.

The sample sizes are not equal at each grade level. Grades 3 and 6 have many more essays than the other grades. Therefore, the number of different words,

---

[1] Different words refers to the unique real word occurring in the samples. For instance, the represents one "different word" and only is another "different word" regardless of the number of times they were written. Misspellings of these words (like onle for only) are not considered different words.

[2] The number of misspellings represents the running total of attempts misspelled.

[3] The running words indicate the number of words written (misspelled and correctly spelled), including multiple instances of the same word.

misspellings, and running words is also much larger. The percent of words spelled correctly, however, does not appear to be affected by the large numbers at these grade levels. The percent spelled correctly is 89% at grade 2, increasing to 97% at grade 8.

Table 1
Data Summary for the Writing Samples

Grade	Essays	Different words	Mis-spellings	Total # running words	% Spelled correctly
Two	962	2,281	9,442	81,863	89%
*Three	7,637	8,915	77,022	870,989	91%
Four	2,045	5,925	23,260	289,464	92%
Five	1,093	4,479	10,252	160,840	94%
*Six	6,634	12,768	47,320	1,056,657	96%
Seven	1,796	5,925	13,813	278,280	95%
Eight	1,530	8,605	11,614	342,738	97%
TOTAL	21,697		192,723	3,080,831	

* *Note: there are many more essays at these grades.*

In order to deal with the large amount of data, word lists for each grade level were generated which included all of the words attempted in the essays. Each word on the list included the word (i.e., dead), the error words or misspelled attempts of the word (i.e., deed, deid, and died), number of attempts (i.e., 38), the percent of the total word list represented by that word (i.e., .014%), the number and percent of times the word was spelled correctly (i.e., 35, 92.11%), the number and percent of times the words were misspelled (i.e., 3, 7.89%), and the number of variations in the spelling of

the word (i.e., 3). The word lists were sorted in various ways in order to analyze the misspellings:

1. by frequency of attempts from most frequent to least frequent;
2. by words misspelled at least 30%, ranked by frequency from most frequent to least frequent at each grade level; and
3. by words which met the second criteria above for at least four grade levels.

This report will be divided into three sections and will address the following seven questions:

Section I reports on the analysis of the high frequency words across grades.

1. What are the high frequency words and are they usually spelled correctly?
2. How many words make up the majority of the running words?

Section II reports on the analysis of commonly misspelled words across four grade levels.

3. What words or categories are problematic across the grades?
4. What is the relationship between the number of different words and the number of running words in each category?

Section III reports on the analysis of misspellings problematic at specific grade levels.

5. How consistent are the categories developed in Section II when looking at grade levels separately?
6. Are the patterns of misspellings at each grade level different from those identified in Section II?
7. What categories are most problematic at each grade and does this change from grade to grade?

Section 1: High Frequency Words

By Grade Level

A high frequency word list was generated at each grade level in order to determine the percent of misspellings and the number of running words they represent. Words were ranked from the greatest number of attempts to the least. Analyses revealed that a small number of different words constituted the majority of the running words. For example at grade two 4 words (the, and, to and a) made up 20%

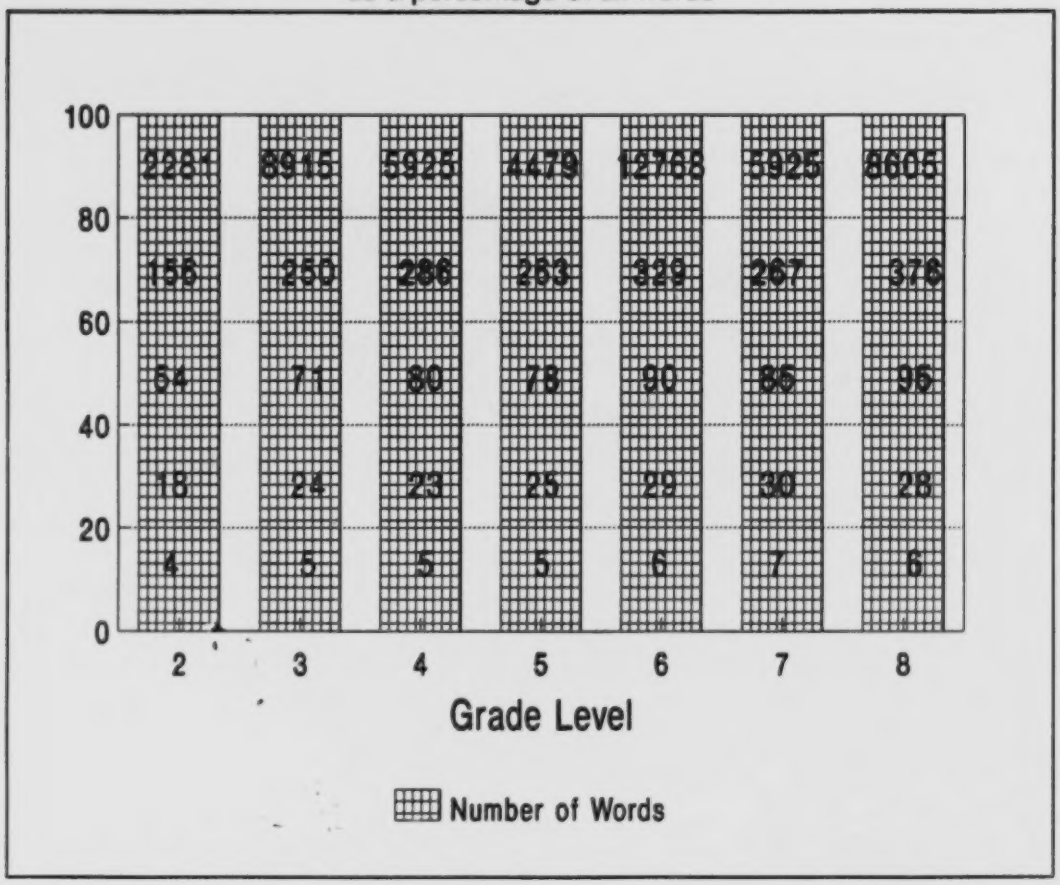
of the running words. Six words (the, and, to, I, was, and a) accounted for 20% of the running words in grade 8. The number of words at each grade which accounted for 20%, 40%, 60%, 80%, and 90% of the running words at each grade were also identified. At grade two, 156(7%) of the 2,281 different words accounted for 80% of the running total. In grade eight, 376 (4%) of the 8,605 different words constituted 80% of the running words. Table 2 lists the total number of different words at each grade level accounting for the different percentages of running words.

Table 2
% of Running Words by # of Different Words

% of running words	Grade 2	3	4	5	6	7	8
20%	4	5	5	5	6	7	6
40%	18	24	23	25	29	30	28
60%	54	71	80	78	90	85	95
80%	156	250	286	263	329	267	376
90%	327	575	659	583	781	601	959
100%	2,281	8,915	5,925	4,479	12,768	5,925	8,605

It is interesting to note that a very small percentage of the different words account for **90%** of the total running words. Figure 1 shows the relationship between the number of different words representing 90% of the total running words at each grade level. In grade two, starting at the bottom, there are 4 words which represent 20% of the running words, 18 words (including the first 4) represent 40% of the running total, on up to 2,281 words representing 100% of the running total. This same pattern is followed at each grade level.

Figure 1
Number of Unique Words
as a percentage of all words



The difference between the number of words representing 90% of the running words and the rest of the words is impressive. This illustrates how very few words account for most of the words the students wrote. The words which give the unique quality to each individual's writing appear to represent a very small proportion of the total number of written words. In grade 2 only 327 of the 6,305 different words (5%) account for **90%** ofthe running total. In grade 8, 959 of the 13,449 (7%) different words account for 90% of the running total.

Combined Grade Levels

All of the data for grades 2 through 8 were combined into one frequency list in order to describe the frequency of words across grade levels (Appendix A). Six words constituted 20% of all the running words on this list. Table 3 shows the different words (N = 50) representing 50% of all the running words written across grade levels. Table 3 suggests that spelling errors are rare among these frequently written words. The first 6 words, constituting 20% of the running words were spelled correctly more than 99% of the time. For the 28 words constituting 40% of the running words, the words were spelled correctly more than 91% of the time. In addition, the majority of the most frequently written words provides syntactic structure more than specific content. It is only within the last 10% (of the 50) that some content words, such as ball, girl, and teacher appear.

Most of the words reported for the combined word frequency list are spelled with a high degree of accuracy. For the most part, misspellings occur more frequently in words which are used less often. Section II of this report analyzes the more frequently misspelled words across grades.

Table 3
High Frequency Words Across Grade

	Word	*Attempts*	*%Correct*
	the	206,556	99.82
	and	134,297	99.11
20%	to	94,960	99.38
	a	79,493	99.90
	was	62,625	99.48
	I	57,210	99.88
	it	49,619	99.41
	they	49,418	93.64
	in	39,949	99.56
	is	38,886	99.76
	he	36,925	99.75
	she	36,068	99.80
	of	28,944	99.32
	on	28,099	98.91
	that	26,235	99.27
40%	said	25,606	94.47
	my	22,951	99.55
	you	22,314	98.81
	her	22,289	98.65
	so	22,042	99.40
	then	21,608	94.43
	for	19,706	98.98
	had	19,561	99.06
	we	19,343	99.67
	got	19,243	98.92
50%	but	18,878	99.15
	were	18,564	91.42
	one	18,319	97.79
	when	17,535	96.18
	with	16,779	97.11
	out	16,345	99.42
	went	16,315	94.76
	are	15,832	98.66
	at	15,792	99.20
	his	15,750	97.35
	up	15,489	99.72
	all	15,314	99.43
	there	14,718	86.79
	day	13,876	99.78
	get	13,289	98.84
	them	12,418	95.81
	ball	12,368	98.45
	go	12,095	99.66
	have	11,754	98.09
	girl	11,695	94.02
	boy	11,675	98.86
	teacher	11,040	96.65
	him	10,935	95.74
	me	10,668	99.10
	not	10,560	98.88

SECTION II: COMMONLY MISSPELLED WORDS

The analysis for this phase consisted of developing lists of commonly misspelled words for each grade. Words misspelled at least 30% of the time were identified and then sorted from the greatest number of attempts to least number of attempts. This resulted in approximately 250 words at each grade level. A list was then developed which included all words that appeared on at least four of the seven grades. The result was 81 words. This word list of 81 commonly used and often misspelled (more than 30% of the time they were used) words was analyzed. These 81 words constitute 14% of all misspellings in the data base.

Commonly misspelled words at <u>all seven</u> grade levels:

probably	it's	that's	let's	there's	too
they're	boy's	you're	girl's	what's	

Commonly misspelled words at <u>six</u> of the seven grade levels:

principal	their	yeah	friend's	surprise
tomorrow	we're	its	surprised	a lot

Commonly misspelled words at <u>five</u> of the seven grade levels:

everybody	doesn't	'cause	won't
straight	where	home run	popped

Commonly misspelled words at <u>four</u> of the seven grade levels:

anymore	pitcher	caught	happened	stitches	myself
maybe	clothes	believe	whatever	ambulance	himself
remembered	field	chalkboard	popping	everyday	here's
struck	teacher's	school's	principal's	hollering	paddling
jealous	all right	weird	ma'am	dropped	paid
everywhere	rooting	bye	yea	backyard	congratulated
business	upon	themselves	team's	blonde	losing
beginning	divorce	we'll	referee	brother's	finally
inning	weren't	embarrassed	downstairs		

It is important to note that words occurring at all seven grade levels do not necessarily indicate they were attempted more often than words occurring at six grade

levels. For example yeah appears on six grade level lists but represents only 322 attempts. Whereas field occurred on four grade level list and represents 746 attempts.

Many of the words on this list are prompt-specific.[1] The argument can be made that these prompt-specific words are not necessarily representative of all writing. However, spelling/misspelling patterns they represent provide insights into children's spelling patterns. The word lists used in the analysis contained the various misspellings for each word. The most frequent misspelling of each of these words was identified at each grade level (see Appendix B). The 81 commonly misspelled words were then categorized by the nature of the most common misspelling at each grade level. The consistency of misspellings across grades made it relatively easy to classify most of the words. For example, the most common misspelling for we're was were across all grades.

Usage Versus Orthography

Each of the 81 words was classified under a misspelling category. For example it's was classified as a contraction error. The total number of different words (from the list of 81) within each category was totaled and the total number of running words[2] within each category was totaled. The totals using different words and running words are represented in Figures 2a (categories by running words) and 2b (categories by different words). Using running words **homophones** is the largest category, whereas using different words **vowels** is the largest category. **Running words** represents total words written whereas **different words** represents distinct real words which are

[1]Prompt-specific is defined as any word which seems to appear as a direct result of the prompt. For example a picture of children playing baseball would elicit words like baseball, home run, and bat.

[2]Running words does not include the times the word was spelled correctly. It refers only to the misspelled running words.

misspelled without reference to the number of running words. Both analyses are shown because of the differences in the data depending on the criteria used.

Figure 2a
Usage Error Categories for
Running Words (N = 27,886)

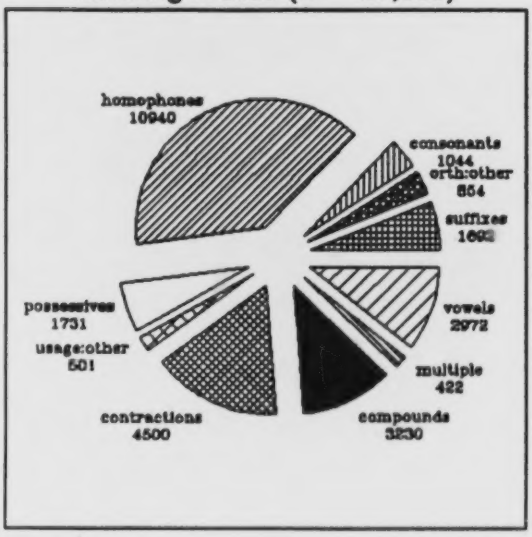
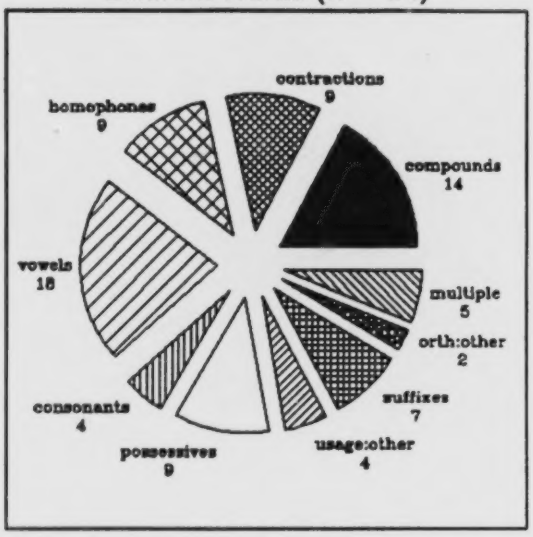


Figure 2b
Usage Error Categories for
Different Words (N = 81)



During the initial data collection, researchers had to decide what word forms to code as spelling errors. This task proved less straightforward than first appeared. It was reasoned that standard spelling not only includes conventional selection and arrangement of letters, but other writing constructions as well. It was likely, for example, that "The boy run away" probably represents a problem with verb form rather than spelling, but if the sentence was written "The boy runned away," spelling is definitely involved. While run is a correctly spelled word whether it is used properly or not, runned does not represent a conventional spelling and consequently was coded as a misspelling.

Homophones demonstrate a continuation of this line of reasoning. Words which may have been spelled correctly as words, but which were misspellings within the

context of their use in a sentence were also coded as misspellings. For instance, there is a correct spelling of an English word, but in the sentence "We went to there house" the word there is an unconventional combination of letters considered unacceptable in standard English. Misplaced, there was considered to be a spelling error.

Researchers also debated whether misused apostrophes should be considered spelling errors or punctuation errors. They decided that, unlike commas or question marks, apostrophes function in lieu of alphabetic letters both in contractions (can't for cannot) and in possessives, as archaic English demonstrates (Arthur's sword for Arthur his swerd) (Mallory, 1485). For this same reason, misused or absent periods in abbreviations were coded as misspellings.

The analyses of the categories identified are presented in the following two sections of this report. Categories are identified as either errors of usage or orthography. Each section includes the categories represented by the 81 commonly misspelled words. Analyses are provided using both running words and different words. For some comparisons these two approaches result in significant differences.

Usage

Figure 3a (running words) and 3b (different words) show the ratio of word classification under usage errors. The usage error categories include homophones, possessives, contractions, compound words and other.

Figure 3a
Categories of Usage Misspellings
for Total Running Words (N = 20,902)

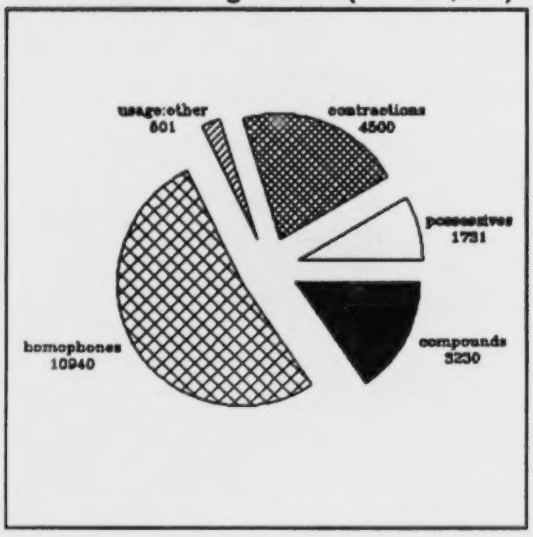
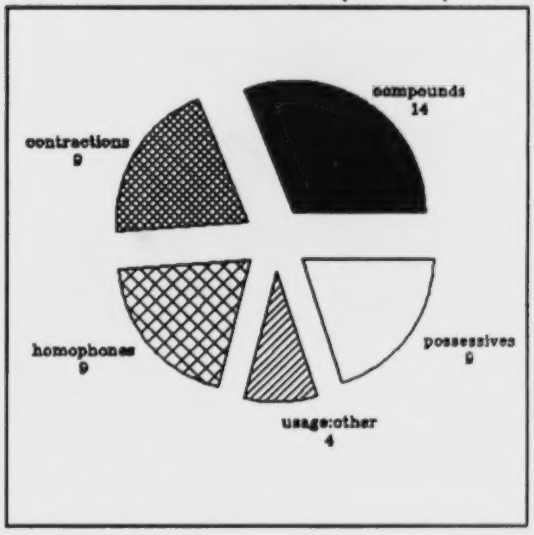


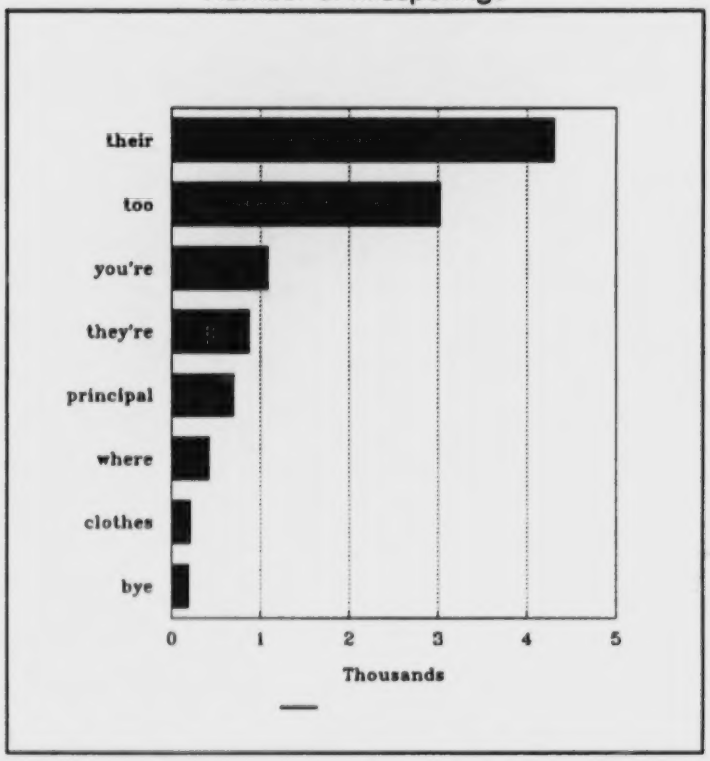
Figure 3b
Categories of Usage Misspellings
for Different Words (N = 45)



Homophones

Homophones include easily recognizable homophones (i.e., there/their/they're) and pseudo-homophones or words which are similar in their pronunciation (i.e., where and were). Words were included in this category only if the misspelling was a correctly spelled word. For example, the most common misspelling of their was there. In another example, you're was misspelled as your. You're is a contraction, but the misspelling was in choosing a homophone. Figure 4 shows the number of misspellings across grades for some commonly used and misspelled homophones.

Figure 4
Commonly Misspelled Homophones by
Number of Misspellings



Using the number of running words (Figure 3a) homophones is the largest category under usage errors. However, using the number of different words (Figure 3b), homophones constitutes a smaller group. Of the 81 words considered, eight were classified as homophones (too, they're, you're, principal, their, where, clothes, and bye). The most commonly misspelled words across grades were their and too, both homophones.

Table 4 represents the percent spelled correctly for each of the homophones by grade level. You're and they're remain problematic across grades. Their and clothes have higher percents correct. Too has a higher percent correct going from grade 2 to 8 but is spelled correctly in grade 8 only half of the time.

Table 4
Commonly Misspelled Homophones by %
of Times They Were Spelled Correctly

	Grade Level						
	2	3	4	5	6	7	8
their	21	36	37	44	68	60	78
too	--	36	31	39	45	47	51
you're	3	9	15	15	22	22	21
they're	29	8	7	11	26	23	20
principal	--	15	22	36	54	66	58
where	46	61	68	69	--	69	--
clothes	--	56	55	55	--	--	70
bye	3	31	67	--	67	--	--

Possessives

The most common misspelling for possessives was omitting the apostrophe. For example, girl's was commonly misspelled as girls and principal's was written as principals. Table 5 shows the number of attempts and percent correct for the frequently used and often misspelled possessives.

Table 5
Commonly Misspelled Possessives by # of Attempts and
% of Times They Were Spelled Correctly

	Grade Level						
	2	3	4	5	6	7	8
boy's	55(51)	214(36)	70(36)	16(69)	120(40)	16(44)	26(31)
girl's	33(30)	195(35)	29(24)	41(27)	266(29)	64(33)	63(21)
friend's	2(50)	60(22)	18(17)	12(00)	49(22)	9(33)	32(22)
its	4(50)	132(52)	104(49)	18(50)	75(69)	53(58)	31(68)
teacher's	----	----	----	24(25)	204(37)	56(43)	27(37)
school's	----	----	----	5(60)	33(36)	14(50)	7(43)

Possessives tended to be problematic across grades. For example, boy's had a percent correct of 31% at grade 8. Teacher's and school's appeared as problems after grade 4 and had low percents correct through grade 8. Girl's was written more frequently across grades than the other possessives on the list and was spelled correctly less than 40% of the time at all grades.

Contractions

Contractions represent 12% of the 81 commonly misspelled words (using running words). The most common misspellings for contractions was omitting the apostrophe. For example, let's was commonly misspelled as lets. That's was commonly misspelled as thats. These misspellings were consistent across grade levels. Table 6 includes the more frequently misspelled contractions.

Table 6
Commonly Misspelled Contractions by # of Attempts and % of Times They Were Spelled Correctly

	Grade Level						
	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	8(%)
it's	69(52)	1039(67)	248(54)	141(59)	792(66)	362(55)	256(59)
that's	38(34)	564(41)	121(37)	107(39)	587(50)	261(47)	174(61)
let's	49(39)	869(31)	192(31)	61(57)	430(42)	82(51)	50(36)
there's	16(56)	168(36)	98(46)	50(38)	167(63)	81(53)	49(59)
what's	24(46)	207(42)	91(37)	38(47)	223(59)	64(48)	51(49)
we're	7(14)	210(29)	48(23)	34(41)	214(41)	53(28)	32(50)

Frequently written contractions, such as it's and let's, were misspelled as often in the upper grades as they were in the lower grades. It's was spelled correctly 52% percent of the time correct at grade 2, 67% at grade 3 and 59% at grade 8. Let's was also a problem across the grades. Generally, the students had more contraction

misspellings in the lower grades than in the upper grades. These included that's, what's, won't, we'll, and weren't.

Compound Words

Compound word errors are bi-directional. Two words may be written as one (home run written as homerun) or one word may be written as two (everybody misspelled as every body). The compound category is significantly smaller than homophones when running words were analyzed. For example, homophones includes 10,940 running words and compounds only 3,230. However, when looking at the number of different words, the compound words category (14) is larger than homophones (9).

Table 7
Commonly Misspelled Compound Words by # of Attempts and % of Times They Were Spelled Correctly

	Grade Level						
	2	3	4	5	6	7	8
a lot	8(00)	347(.3)	43(00)	41(00)	283(00)	162(00)	208(00)
everybody	29(24)	662(50)	114(53)	108(65)	----	125(67)	----
home run	45(00)	461(.4)	98(00)	11(00)	----	----	8(00)
anymore	----	124(48)	38(45)	29(69)	203(68)	----	----
myself	----	123(55)	80(66)	22(68)	----	16(69)	----
whatever	----	----	----	7(28)	63(63)	24(62)	23(43)
himself	25(44)	121(41)	40(52)	10(70)	----	-----	----
everyday	----	----	----	10(40)	42(45)	25(64)	14(64)
all right	16(00)	----	19(00)	----	25(00)	7(00)	----
backyard	----	75(40)	26(65)	----	81(54)	----	8(37)

Although there are quite a few different compound words, they were attempted relatively infrequently, and they are sporadic in terms of the grades at which they appear. The percent correct for the compound words written as two separate words

tends to be higher in the upper grades. Some of the compound words like whatever and backyard have lower percent correct in the upper grades.

Words which were two words written as one were difficult to compare because there is no count of the percent correct. Separate words (like a lot and all right) were not kept together in the data base except when they were misspelled. The number of misspellings for a lot are very high, indicating this was a significant problem for students. Although the number of attempts spelled correctly is unavailable, the number of errors for a lot continues to be high in the upper grades.

Other

Most of the 81 words were easily classified. However, some words with only a few examples were included under the "other" category. Blonde (feminine form) was misspelled as blond (masculine form). This represents a very small number of errors (58 misspellings across grades 5 through 8). The percent correct improved at the upper grades. Paid was another word representing a very small number of running words (76 misspellings across all grades). This word was a problem in grades 5 through 8. Paid was commonly misspelled as payed, an incorrect formation of the past tense. The two words classified as colloquialisms were 'cause (misspelled as cause) and ma'am (misspelled as mam).

Orthography

Errors of orthography include words with letters omitted, reversed, added or substituted. Figures 5a and 5b show the relationships between categories for both different words and running words. **Vowels** was the major orthography error category in both Figure 5a and 5b. This included words with vowels omitted, reversed, added or substituted. **Consonants** included words which doubled a single consonant or

omitted one of two consonants. Consonant substitutions were also included in the consonants category. **Suffixes** consisted of errors created when adding a suffix such as not dropping an /e/ or doubling a consonant. **Multiple** errors included misspellings which had errors in more than one category.

Figure 5a
Orthography Error Categories
for Running Words (N = 6,984)

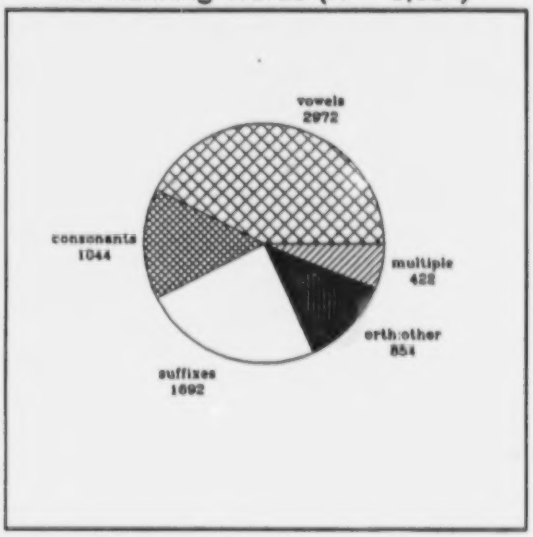
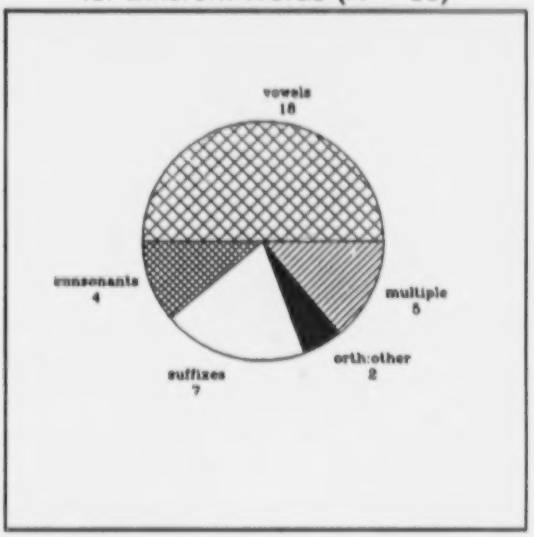


Figure 5b
Orthography Error Categories
for Different Words (N = 36)



Vowels

Vowel errors in **vowels** is the largest category under orthography using the number of running words as well as the number of different words (See Figures 5a and 5b). The vowel category includes words whose misspelling is located within the vowel(s). For example, yeah was commonly misspelled as ya and caught was misspelled as cought. Table 8 includes examples of some of the more frequently used words which were misspelled through vowel changes.

The number of attempts for the vowel category is generally low, as in yeah, field, and hollering. Errors in doesn't, caught, maybe, believe, and field occur more

frequently in the elementary grades. Yeah, surprise, and surprised had low percents correct in the upper grades. Vowels pose more problems than other categories under orthography although they account for relatively few different words.

Table 8
Words With Vowel Errors by # of Attempts and
% of Times They Were Spelled Correctly

	Grade Level (% Correct)						
	2(%)	3(%)	4(%)	5(%)	6(%)	7(%)	8(%)
yeah	9(00)	76(29)	23(26)	25(36)	144(56)	28(64)	17(47)
surprise	4(00)	194(39)	20(65)	13(54)	272(69)	9(44)	58(53)
surprised	5(20)	111(44)	29(52)	6(17)	205(55)	16(56)	41(58)
doesn't	16(62)	172(51)	38(66)	39(56)	----	216(69)	----
caught	78(33)	719(48)	180(57)	58(62)	----	----	----
maybe	59(49)	295(66)	52(67)	59(68)	----	----	----
believe	----	134(28)	56(63)	53(51)	175(69)	----	----
field	51(45)	516(50)	151(67)	28(68)	----	----	----
hollering	----	----	----	5(20)	19(58)	9(44)	9(67)

Consonants

The consonant category included double consonants, consonant substitutions and silent consonants. Double consonants are misspellings which either failed to double a consonant or doubled a single consonant. For example, tomorrow was commonly misspelled as tomorow (grades 2 and 3), tommorow (grade 4) and tommorrow (grades 5, 7, and 8). An example of consonant substitutions is congratulated which had the common misspelling of congradulated. Silent consonants include some digraphs like /gh/ and /tch/. For these digraphs, the silent letter was omitted. For example, pitcher was misspelled as picher (grades 2, 3, 4 and 5).

Table 9 provides examples of some words which were used frequently and commonly misspelled in this category. The words in the consonant category tended

to have higher percents correct in the upper grades. Stitches had a high error rate in grades 2 through 4 and had problems in grade 6 also.

Table 9
Words With Consonant Errors by # of attempts and
% of Times They Were Spelled Correctly

	2	3	4	5	6	7	8
tomorrow	29(24)	199(37)	66(39)	31(61)	254(55)	38(37)	27(70)
pitcher	125(57)	1066(67)	269(67)	40(67)	----	----	----
stitches	69(33)	69(28)	85(29)	----	17(47)	----	----

Suffixes

Suffixes includes errors in both doubling the consonant before adding the suffix, dropping the /e/ before adding the suffix and not adding the suffix properly. An example of not doubling the consonant before adding the suffix is popped, misspelled as poped. Dropped had the common misspelling of droped. In writing paddling the final /e/ should be dropped before adding the -ing suffix. Common misspellings were paddeling (grades 5 and 6), paddleing (grade 7), and padling (grade 8). Incorrectly adding the suffix occurred in happened which was misspelled as happend.

Table 10 provides examples of some words which were used frequently and commonly misspelled in this category. The number of suffix errors generally declines in the upper grades. Popped had 46% correct in grade 3 and 61% correct in grade 7.

Table 10
Words With Suffix Errors by # of Attempts and
% of Times They Were Spelled Correctly

	Grade Level (% Correct)						
	2	3	4	5	6	7	8
popped	----	85(46)	32(34)	164(65)	1098(63)	146(61)	----
happened	64(33)	321(47)	181(46)	52(69)	----	----	----
popping	----	----	----	42(45)	351(69)	40(57)	54(63)
paddling	----	----	----	19(47)	51(63)	13(69)	12(42)
dropped	13(00)	91(44)	25(60)	----	----	----	13(69)
beginning	----	----	----	7(14)	74(53)	19(37)	25(32)

Multiple

The **multiple** category includes words with misspellings that cross two or more categories. For example, ambulance had misspellings including ambulens and amblance. Another example is business misspelled as buisness (grade 5, 6 and 8) and bissness (grade 7). There were six words classified under the multiple category, although the running total for these words was relatively small (286 total).

Other

Probably and remembered are the two words classified as **other** because they were used so infrequently. The common misspelling for probably in grades 3 through 8 was probly. The percent misspelled was 35% in grade 2 and 85% in grade 8. Remembered was misspelled rememberd in grade 3 and rembered in grades 4, 6, and 7.

SECTION III: MISSPELLINGS BY GRADE LEVEL

The purpose of this phase of the study was to identify the words that children use frequently and misspell at each grade. Each grade in Section III will include a summary of the data, description of a spelling word list, and a list of potential instructional categories.

The **data summary** reports information about all of the data within that grade. Included are the number of essays, different words, running words, misspelled words and the percent misspelled. Also included is a description of the prompts used in order to allow the reader to recognize the possible occurrance of prompt-specific words, and also to give the reader an idea of the variety of student writing.

Graded word lists were developed from the writing samples. The word lists included the root word attempted, the various misspellings, number of attempts, number and percent spelled correctly, number and percent misspelled and the number of misspellings. The **spelling word list** (See Appendix C through I for these lists) for each grade consists of words misspelled more than 30% of the time. These words were then ranked by frequency from the greatest number of attempts to the least. Approximately 150 words were selected at each grade because the majority of word lists included very small usage numbers within this sample size. For example, the 150th word on grade 2 was used only 13 times, and in grade 7 the 150th word was used only 8 times. The most common misspelling was identified and classified using the categories from Section II (i.e., homophones, compounds, contractions,

possessives, vowels, consonants, suffixes, mult errors, and other)[1]. A new category labeled **multiple variants**, was added to the words which did not have a common misspelling because they were misspelled in a variety of ways. For example in grade 2 surgery was attempted 15 times and misspelled 14 times in 12 different ways.

The **potential instructional categories** is a prioritized list of the categories for purposes of instruction. The running word totals for each category were used to list the categories in order from the greatest to the least. The running word totals were chosen versus the different word totals. The running words represent the greater proportion of actual words misspelled. The **multiple** and **multiple variants** categories were not included. Examples are given for each category.

Grade 2

Data Summary

Grade 2 contains the smallest sample size in terms of number of essays (962) and the largest percentage of misspelled words (11%). Essays at grade 2 included only two prompts: "baseball game" and "emergency room". The "baseball game" prompt shows a girl getting ready to swing at a ball. A boy and a dog are waiting off to the side. The "emergency room" prompt shows a little girl running into an emergency room with a younger boy by the hand. A doctor and nurse are standing at the admission desk. The students are asked to tell what is happening and what might happen next. Table 11 reports the data for all of grade 2.

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[1] Usage type spelling errors and orthographic type spelling errors are discussed in the previous section beginning on page 10. The subcategories including homophones, contractions, vowels, and others were used to classify the words on the spelling word list.

Table 11
Data Summary: Grade 2

# Essays	962
# Different words	2,281
# Running words	81,863
# Running words misspelled	9,442
% Misspelled	11%

Grade 2: Spelling Word List

Words misspelled at least 30% of the time they were written were identified and sorted from the greatest number of attempts to the least number. The resulting spelling word list for grade 2 consists of 156 words ranging from 597 attempts to 13 attempts (Appendix C). This list constitutes 42% of all the misspellings of the running words in second grade. The 156 commonly misspelled words were classified using the most common misspelling according to the sub-categories identified in Section II. The total number of words for each sub-category was used to develop Figures 6a and 6b. Figure 6a represents the categories using the total number of running words, and Figure 6b represents the categories using the total number of different words.

Figure 6a
Usage Error Categories for
Grade 2 Running Words (N = 3,956)

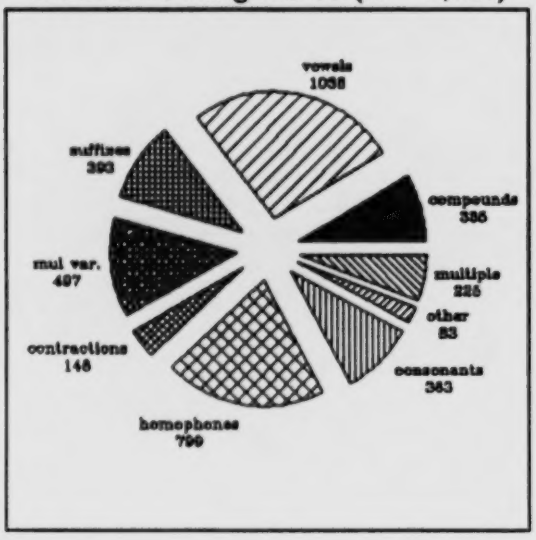
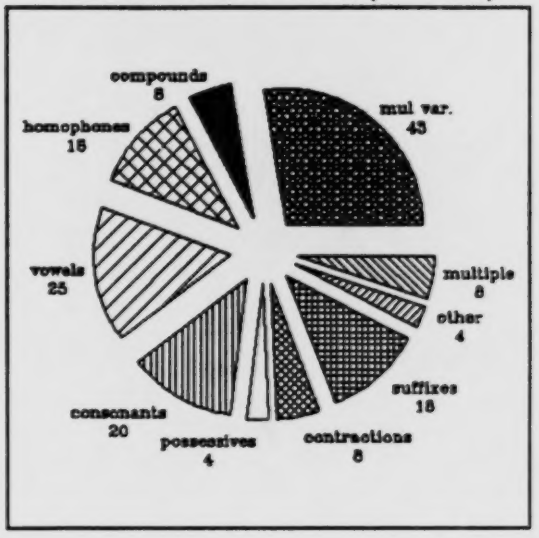


Figure 6b
Usage Error Categories for
Grade 2 Different Words (N = 156)



Potential Instructional Categories

The categories were prioritized based on the running word totals. Table 12 lists the categories (not including multiple errors and multiple variants). The list is arranged from the category with the greatest number of running words to the category with the least number of running words.

Table 12
Grade 2
Instructional Categories

1. vowels
2. homophones
3. suffixes
4. consonants
5. compounds
6. contractions

1. Vowel errors represent 16% of the different words and 26% of the running words. Sub-categories for vowels are r-controlled vowels, substitutions, /ie-ei/

reversals, and omitting the final /e/. Examples of vowel errors are doctor (597 attempts) misspelled as docter, hurt (361 attempts) misspelled as hert, nurse (193 attempts) misspelled as nurs, again (184 attempts) misspelled as agen and please (61 attempts) misspelled as pleas. Error percents are 49% for doctor, 37% for hurt, 37% for nurse, 52% for again, and 66% for please.

2. **Homophones** represent 11% of the different words and 20% of the running words. As in Section II, there are relatively few different homophones; but these occur frequently and thus account for a large portion of the running words. Some of the more frequent homophones include might (232 attempts), their (221 attempts), too (210 attempts), threw (88 attempts), and know (87 attempts). The error percents are 31% for might, 79% for their, 70% for too, 43% for threw, and 41% for know.

3. **Suffix** errors account for 10% of the running words. Sub-categories under suffixes include not doubling a consonant before adding the suffix, not adding the suffix to words ending in /y/, and errors within the suffix. Examples of suffix errors are running (204 attempts) misspelled as runing; trying (86 attempts) misspelled as tring; batter (69 attempts) misspelled as bater; and happened (64 attempts) misspelled as happend. Error percents are 38% for running, 49% for trying, 49% for batter, and 67% for happened.

4. **Consonant** errors represented 13% of the different words and 9% of the running words. Sub-categories under consonant errors include omitting a silent consonant, doubling a single consonant or not doubling a consonant, and consonant substitutions. Consonant errors include pitcher (125 attempts) misspelled as picher, better (97 attempts) misspelled as beter, and afraid (20 attempts) which was

misspelled afrait. Error percents are 43% for pitcher, 40% for better, and 60% for afraid.

5. **Compound** errors represent 8% of the running words. Examples of compound word errors are someone (58 attempts), home run (45 attempts), and somebody (38 attempts). There are no compound word errors among the first 25 words on the grade 2 spelling word list. Error percents[2] are 38% for someone, 100% for home run, and 39% for somebody.

6. **Contraction** errors represent 4% of the running words. Examples of contraction errors are didn't (75 attempts), it's (69 attempts), let's (49 attempts), and he's (40 attempts). Error percents are 31% for didn't, 48% for it's, 61% for let's, and 52% for he's.

7. **Possessive** errors represent 2% of the running words. Examples include boy's (55 attempts), girl's (33 attempts), dog's (17 attempts), and doctor's (15 attempts). Error percents are 49% for boy's, 70% for girl's, 65% for dog's, and 93% for doctor's.

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[2] Separate words were not kept together in the data base, except when misspelled; therefore, the error percent is high for words like a lot because we do not have a count of the times a lot was spelled correctly.

Grade 3

Data Summary

Grade 3 had the second largest sample size of 7,637 essays for the study. Grade 3 samples represented a number of different prompts including pictures of "children playing baseball", "a girl and boy running into an emergency room", "a giraffe and a raccoon in a boat", "volcano and dinosaur/dragon type animal", "playground with children playing on a seesaw, swings and merry-go-round", "kids at a birthday party with a cake and party favors", "dragon scaring 2 kids", and "children playing with a big box and little boxes". The student directions were to tell what was happening in the picture and what might happen next. One of the prompts did not use a picture but rather asked the children to write about something special to them. Table 13 reports the data for all of grade 3.

Table 13
Data Summary: Grade 3

# Essays	7,637
# Different words	8,915
# Running words	870,989
# Running words misspelled	77,022
% Misspelled	9%

Grade 3: Spelling Word List

Words misspelled at least 30% of the time they were written were identified and sorted from the greatest number of attempts to the least number. The resulting spelling word list for grade 3 consists of 150 words ranging from 2,854 attempts to 84 attempts (Appendix D). This list constitutes 28% of all the misspellings of the running words in third grade. Grade 3 was much larger than other grades so the number of

attempts is much larger for the 150th word than it is for the other grade level lists. In order to keep the length of spelling word lists consistent from grade to grade, grade 3 was kept to 150 words. Figure 7a represents the categories using the total number of running words and Figure 7b represents the categories using the total number of different words.

Figure 7a
Usage Error Categories for
Grade 3 Running Words (N = 21,904)

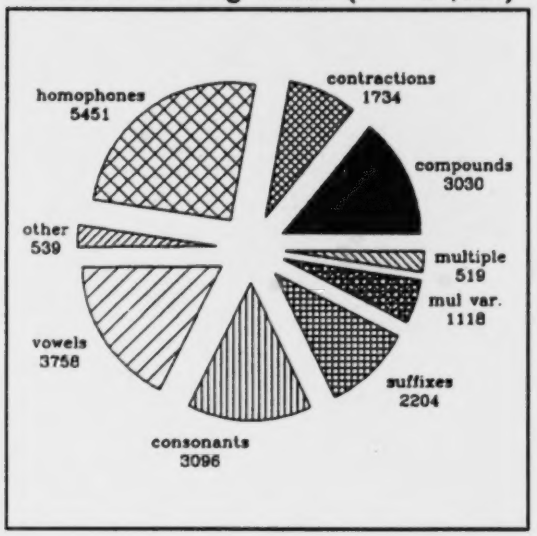
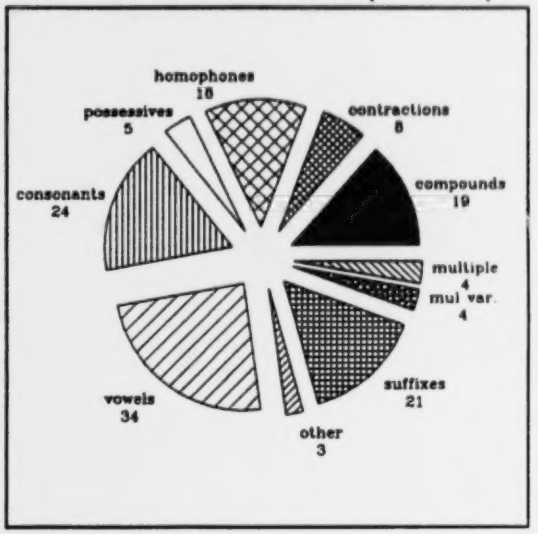


Figure 7b
Usage Error Categories for
Grade 3 Different Words (N = 150)



Perhaps because of the larger number of essays at this grade and/or the variety of different prompts at this grade, the multiple variant category was larger than at other grades. Multiple variants represent 9% of the spelling word list using the number of different words and 5% using the number of running words. Misspellings classified as multiple variants include words that are prompt-specific like merry-go-round which had 39 different misspellings and dinosaur with 56 different misspellings.

Potential Instructional Categories

The categories were prioritized based on the running word totals. Table 14 lists the categories (not including multiple errors and multiple variants). The list is arranged from the category with the greatest number of running words to the category with the least number of running words.

Table 14
Grade 3
Instructional Categories

1. homophones
2. vowels
3. consonants
4. compounds
5. suffixes
6. contractions
7. possessives

1. **Homophones** represent only 12% of the different words on the spelling list, but they represent 25% of the running words. Examples of the more frequent homophone errors are their (2,854 attempts), too (2,100 attempts), threw (838 attempts), and where (587 attempts). Their and too represent 14% of the running words on the grade 3 spelling word list. Error percents are 64% for their, 64% for too, 34% for threw, and 39% for where. Other homophones include heard (445 attempts), they're (373 attempts), you're (349 attempts), through (231 attempts), and than (213 attempts).

2. **Vowels** represent 23% of the different words and 17% of the running words on the grade 3 spelling word list. Sub-categories under vowels include r-controlled vowel errors, vowel substitutions, /ie-ei/ reversals, and omitting the final /e/.

Examples of vowel error words include again (1,641 attempts) misspelled agin, doctor (987 attempts) misspelled docter, caught (719 attempts) misspelled cought, field (516 attempts) misspelled as feild and minutes (160 attempts) misspelled as minuts. Error percents are 33% for again, 32% for doctor, 52% for caught, 50% for field, and 52% for minutes.

3. **Consonants** represent 16% of the different words and 14% of the running words in grade 3. Sub-categories are omitting a silent consonant, doubling a single consonant, and consonant substitutions. Consonant errors include pitcher (1,066 attempts), raccoon (892 attempts), thought (51% attempts), until (454 attempts), and kept (248 attempts). Error percents are 33% for pitcher, 84% for raccoon, 36% for thought, 51% for until, and 31% for kept.

4. **Compounds** represent 13% of the different words and 14% of the running words. Some of the more frequent compound word errors are seesaw (907 attempts), everybody (662 attempts), everyone (620 attempts), outside (565 attempts), and home run (461 attempts). Error percents[1] are 70% for seesaw, 50% for everybody, 34% for everyone, 31% for outside, and 100% for home run. Less frequent compound words include anyway (86 attempts), without (94 attempts), ice cream (96 attempts) and outfield (107 attempts).

5. **Suffix** errors represent 10% of the running words. Sub-categories for suffix errors are errors within the suffix, errors in adding a suffix to a word ending in /y/, and not doubling a consonant before adding the suffix. Suffix errors include scared (752

[1] Separate words were not kept together in the data base, except when misspelled. The percent of misspellings is high for words like a lot because we do not have a count of the times a lot was spelled correctly.

attempts) misspelled as scard, trying (496 attempts) misspelled as tring, and finally (471 attempts) misspelled as finaly and laughed (177 attempts) misspelled as laught. Error percents are 37% for scared, 31% for trying, 60% for finally, and 41% for laughed.

6. **Contraction** errors account for 8% of the running words on the spelling word list. Contraction errors include it's (1,039 attempts), let's (869 attempts), that's (564 attempts), and won't (250 attempts). Error percents are 33% for it's, 63% for let's, 59% for that's, and 31% for won't.

7. **Possessive** errors account for 2% of the running words. Possessive errors are boy's (214 attempts), dog's (136 attempts), and giraffe's (122 attempts). Error percents are 64% for boy's, 65% for girl's, 68% for dog's, and 30% for giraffe's.

Grade 4

Data Summary

Grade 4 includes 2,045 essays. Pictured prompts provide pictures of "children playing baseball", "a girl and boy running into the emergency room", "waterskiing elephant", "animals playing on animal equipment in a playground", "parachuting animals", "circus clown", and "monster plant". Written prompts ask the children to write about "any animal for the day", "a tiny person at your sleeve", and "a talking rabbit in a hole telling you to come quickly". Table 13 reports the data for all of grade 4.

Table 15
Data Summary: Grade 4

# Essays	2,045
# Different words	15,252
# Running words	289,956
# Running words misspelled	23,296
% Misspelled	8%

Grade 4: Spelling Word List

Words misspelled at least 30% of the time they were written were identified and sorted from the greatest number of attempts to the least number. The resulting spelling word list for grade 4 consists of 153 words ranging from 571 attempts to 26 attempts (Appendix E). This constitutes 26% of the attempts. The 153 commonly misspelled words were classified using the most common misspelling according to the sub-categories identified in Section II. The total number of words for each sub-category were used to develop Figures 8a and 8b. Figure 8a shows the misspelling categories using the number of running words and Figure 8b shows the misspellings for the number of different words.

Figure 8a
Usage Error Categories for
Grade 4 Running Words (N = 5,989)

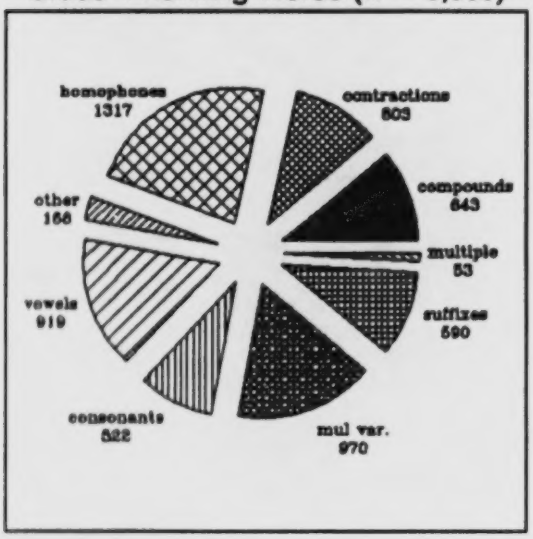
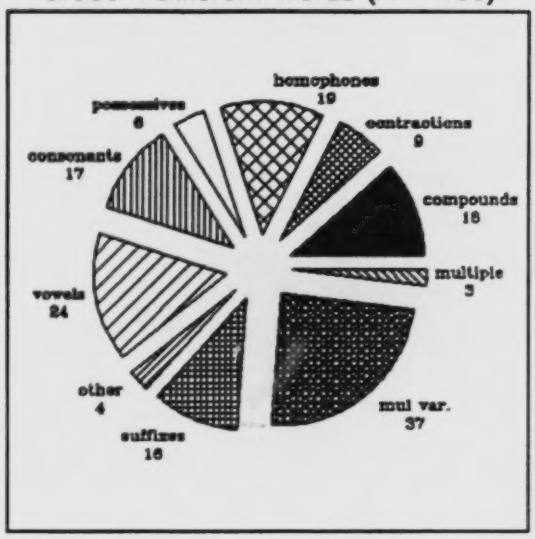


Figure 8b
Usage Error Categories for
Grade 4 Different Words (N = 156)



Potential Instructional Categories

The categories were prioritized based on the running word totals. Table 16 lists the categories (not including multiple errors and multiple variants). The list is arranged from the category with the greatest number of running words to the category with the least number of running words.

Table 16
Grade 4 Instructional Categories

1. homophones
2. vowels
3. compounds
4. contractions
5. suffixes
6. consonants
7. possessives

1. **Homophones** represent 22% of the running words on the grade 4 spelling word list although they represent only 12% of the different words. The most commonly

misspelled words on the list are the homophones too (571 attempts) and their (505 attempts) representing 12% of the running words. Other commonly misspelled homophones are where (305 attempts), our (255 attempts), heard (175 attempts), and through (141 attempts). Error percents are 69% for too, 63% for their, 32% for where, 31% for are, 33% for heard, and 52% for through.

2. **Vowel** errors represent 15% of the misspelled running words. Sub-categories include r-controlled vowel errors, substitutions, and /ie-ei/ reversals. There were no omissions of the final /e/ on the grade 4 spelling word list. Examples are different (50 attempts) misspelled as diffrent; elephant (433 attempts) misspelled as elephent; wearing (211 attempts) misspelled as waring; and field (151 attempts) misspelled as feild. Error percents are 64% for different, 50% for elephant, 35% for wearing, and 33% for field.

3. **Compound word** errors represent 11% of the running words. Examples of compound word errors are outside (200 attempts), seesaw (119 attempts) and playground (129 attempts). Error percents are 32% for outside, 37% for playground, and 70% for seesaw.

4. **Contraction** errors represent 10% of the misspelled running words. There were half as many contraction words as compounds using different words. Examples of contraction errors are it's (248 attempts), that's (121 attempts), and you're (110 attempts). Error percents are 46% for it's, 63% for that's, and 85% for you're.

5. **Suffix** errors represent 10% of the running words. Suffix error sub-categories are not doubling a consonant before adding the suffix, adding the suffix to words ending with /y/, and errors within the suffix. Examples include finally (183 attempts) misspelled as finaly, happened (181 attempts) misspelled as happend, and

happily (74 attempts) misspelled as happly. Error percents are 54% for finally, 54% for happened, and 59% for happily.

6. **Consonant** errors represent 9% of the running words. Consonant sub-categories are omitting the silent consonant, double consonants, and consonant substitutions. Examples are pitcher (269 attempts) misspelled as picher, until (116 attempts) misspelled as untill, and umpire (47 attempts) misspelled as unpire. Error percents are 33% for pitcher, 44% for until, and 32% for umpire.

7. **Possessive** errors represent 3% of the running words on the grade 4 spelling word list. Examples include its (104 attempts), boy's (70 attempts), dog's (57 attempts), and bear's (38 attempts). Error percents are 51% for its, 64% for boy's, 54% for dog's, and 76% for bear's.

Grade 5

Data Summary

Grade 5 includes 1,093 essays. Prompts include pictures of "children in a classroom blowing bubble-gum", "kids at a basketball game cheering", and "a spaceship". Students were asked to write a story and tell what was happening in the picture and what might happen next. Table 17 reports the data for all of grade 5.

Table 17
Data Summary: Grade 5

# Essays	1,093
# Different words	4,479
# Running words	160,840
# Running words misspelled	10,252
% Misspelled	6%

Grade 5: Spelling Word List

Words misspelled at least 30% were identified and sorted from the greatest number of attempts to the least. The resulting spelling word list for grade 5 consists of 142 words ranging from 447 attempts to 9 attempts (Appendix F). This list constitutes 33% of all the misspellings of the running words in fifth grade. The 142 commonly misspelled words were classified using the most common misspelling according to the sub-categories identified in Section II. The total number of words for each sub-category were used to develop Figures 9a and 9b. Figure 9a represents the categories using the number of running words and Figure 9b represents the number of different words.

Figure 9a
Usage Error Categories for
Grade 5 Running Words (N = 3,343)

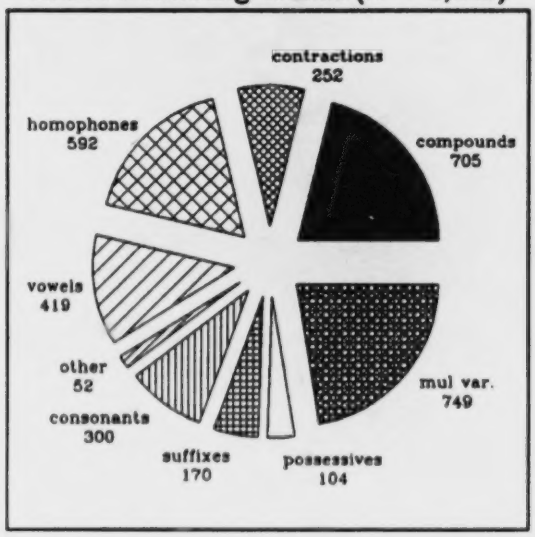
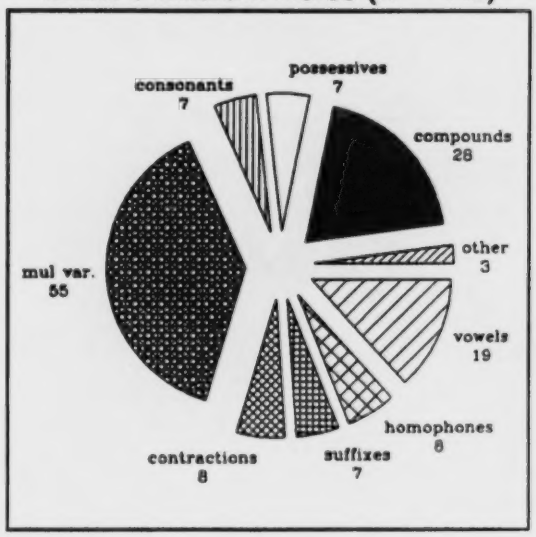


Figure 9b
Usage Error Categories for
Grade 5 Different Words (N = 142)



As in grade 2, **multiple variants** is a major category when the number of different words were analyzed. They account for 39% of the different words and 22% of the running words. The words classified as multiple variants include several prompt-specific words including thermometer attempted 197 times and misspelled 148 times in 94 different ways. Another multiple variant error word attempted less often was question, attempted 12 times and misspelled 4 times in 4 different ways.

Potential Instructional Categories

The categories were prioritized based on the running word totals. Table 18 lists the categories (not including multiple errors and multiple variants). The list is arranged from the category with the greatest number of running words to the category with the least number of running words.

Table 18
Grade 5
Instructional Categories

1. compounds
2. homophones
3. vowels
4. consonants
5. contractions
6. suffixes
7. possessives

1. Compound word errors account for 20% of the different words and 21% of the running words on the grade 5 spelling word list. Examples include basketball (397 attempts), clothesline (185 attempts), everyone (143 attempts), and outside (108 attempts). The error percent is 30% for basketball, 83% for clothesline, 32% for everyone, and 32% for outside. Other errors in compound words are classroom (77 attempts), someone (51 attempts), chalkboard (43 attempts) and a lot (41 attempts).

2. Homophones represent 6% of the different words, but the category represents 18% of the running words. The most frequent homophones on the spelling list include their (447 attempts), too (210 attempts), clothes (159 attempts), and where (101 attempts). The error percent is 56% for their, 60% for too, 88% for they're, 45% for clothes, and 31% for where.

3. Vowel errors is the major category (after multiple variants) under errors of orthography and that category accounts for 12% of the misspellings using running words. Sub-categories under vowels are /ie-ei/ reversals, substitutions, omissions, and omitting the final /e/. Examples include different (36 attempts) misspelled as diffrent; losing (122 attempts) misspelled as loosing; weird (106 attempts) misspelled

as wierd; caught (58 attempts) misspelled as cought; and engine (38 attempts) misspelled as engin. Error percents are 36% for different, 43% for losing, 43% for weird, 38% for caught, and 37% for engine.

4. **Consonant** errors represent 5% of the different words and 9% of the running words. Sub-categories for consonant errors include not doubling a consonant like antenna (203 attempts) misspelled as antena, omitting a consonant as in except (72 attempts) misspelled as exept, substituting another consonant as in ladder (14 attempts) misspelled as latter. Error percents are 86% for antenna, 31% for except, and 50% for ladder.

5. **Contraction** errors occurred most frequently among the 50 most common words on the list. They accounted for 8% of the running words. Examples of contraction errors include it's (141 attempts), that's (107 attempts), won't (68 attempts), and you're (53 attempts). The error percents are 40% for it's, 61% for that's, 35% for won't, and 85% for you're.

6. **Suffixes** account for less than 6% of the running words. Examples of suffix errors include popped (164 attempts) misspelled as poped, finally (82 attempts) misspelled as finaly, and happened (52 attempts) misspelled as happend. Error percents are 35% for popped, 33% for finally, and 31% for happened.

7. **Possessives** also account for less than 6% of the running words. Examples of possessive errors are girl's (41 attempts), principal's (39 attempts), and teacher's (24 attempts). Error percents are 73% for girl's, 64% for principal's and 75% for teacher's.

Grade 6

Data Summary

Grade 6 contains the greatest number of essays for all of the elementary grades with a total 6,634 essays. Picture prompts include pictures of "children in a classroom blowing bubbles with bubble-gum", "spectators at a basketball game cheering", "children at a picnic with a volleyball game in the background and adults burning something on barbecue", "2 children digging a hole", "children ice skating", "2 children running out of the water at the beach", and "cave men with rock near a cave". Students were to write what was happening in the picture and what they thought might happen next. A written prompt asked the students to write about the "best gift I ever received". Table 19 reports the data for all of grade 6.

Table 19
Data Summary: Grade 6

# Essays	6,634
# Different words	12,768
# Running words	1,056,657
# Running words misspelled	47,320
% Misspelled	4%

Grade 6: Spelling Word List

Words misspelled at least 30% were identified and sorted from the greatest number of attempts to the least. The resulting spelling word list for grade 6 consists of 151 words ranging from 3,938 attempts to 26 attempts (Appendix G). This list constitutes 25% of all the misspellings of the running words in sixth grade. The 151 commonly misspelled words were classified using the most common misspelling according to the sub-categories identified in Section II. The total number of words for

each sub-category was used to develop Figures 10a and 10b. Figures 10a and 10b provide the error categories using the number of running words and the number of different words respectively.

Figure 10a
Usage Error Categories for
Grade 6 Running Words (N = 12,077)

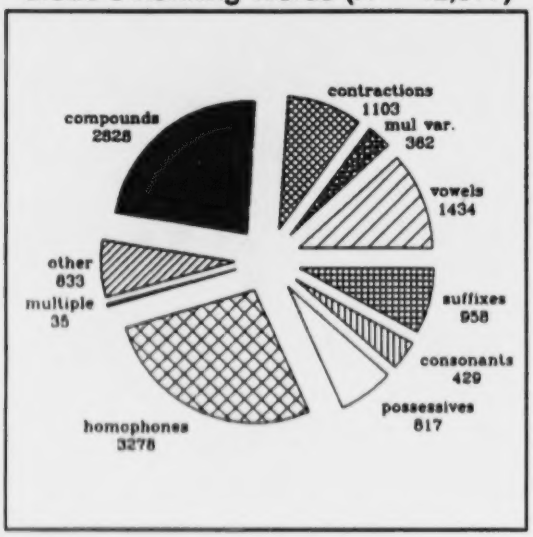
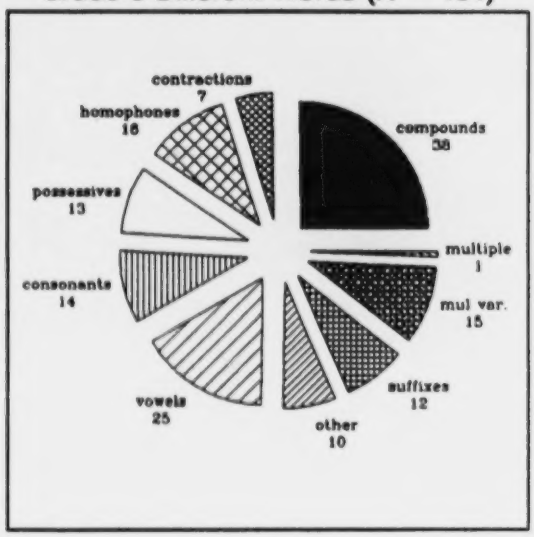


Figure 10b
Usage Error Categories for
Grade 6 Different Words (N = 151)



Potential Instructional Categories

The categories were prioritized based on the running word totals. Table 20 lists these categories (not including multiple errors and multiple variants). The list is arranged from the category with the greatest number of running words to the category with the least number of running words.

Table 20
Grade 6
Instructional Categories

1. homophones
2. compounds
3. vowels
4. contractions
5. suffixes
6. possessives

1. **Homophones** represent 11% of the different words and 27% of the running words on the spelling word list. The two most frequent words on the spelling word list are the homophones their (3,938 attempts) and too (1,317 attempts) which represent 16% of all the running words on the list. Other frequent homophone errors include principal (871 attempts), you're (406 attempts), they're (338 attempts), and allowed (171 attempts). Error percents are 55% for too, 46% for principal, 78% for you're,74% for they're, and 40% for allowed.

2. **Compound** errors represent 25% of the different words and 23% of the running words. Examples of frequent compound word errors are ice-skating (648 attempts), lifeguard (467 attempts), a lot (283 attempts), and cave men (258 attempts). Error percents[1] are 85% for ice-skating, 58% for lifeguard, 100% for a lot, and 100% for cave men. Other compound word errors are ice-skate (169 attempts), blackboard (146 attempts), and everywhere (118 attempts).

3. **Vowels** represent 16% of the different words and 12% of the running words. Sub-categories of vowel errors include omitting vowels like volleyball (925 attempts)

[1] Separate words were not kept together in the data base, except when misspelled. The percent of misspellings is high for words like a lot because we do not have a count of the times a lot was spelled correctly.

misspelled as vollyball, /ie-ei/ reversals like received (566 attempts) misspelled as recieved, and substituting vowels like dinosaur (83 attempts) misspelled as dinasour. Error percents are 48% for volleyball, 39% for received, and 43% for dinosaur.

4. **Contraction** errors account for less than 10% of the running words. Examples of frequent contraction errors are it's 792 (attempts), that's (587 attempts), let's (430 attempts), what's (223 attempts), and we're (214 attempts). Error percents are 34% for it's, 50% for that's, 58% for let's, 41% for what's, and 59% for we're.

5. **Suffix** errors account for less than 10% of the running words. Suffix errors are popped (1,098 attempts) misspelled as poped, studying (365 attempts) misspelled as studing, popping (351 attempts) misspelled as poping, and shiny (296 attempts) misspelled as shiney. Error percents are 37% for popped, 40% for studying, 31% for popping, and 33% for shiny.

6. **Possessive** errors account for 7% of the running words. Examples of possessive errors are principal's (314 attempts), girl's (266 attempts), and teacher's (204 attempts). Error percents are 68% principal's, 71% girl's, and 63% teacher's.

7. **Consonant** errors account for 3% of the running words. Consonant errors include tomorrow (254 attempts) misspelled as tommorow, dumb (64 attempts) misspelled as dum, and disappointed (59 attempts) misspelled as disapointed. Error percents are 45% for tomorrow, 31% for dumb, and 64% for disappointed.

Grade 7

Data Summary

Grade 7 includes 1,796 essays with 95% of the words spelled correctly. Picture prompts include pictures of "children in a classroom chewing gum", and "spectators at a basketball game". Students were asked to tell what was happening in the picture and what might happen next. Two written prompts asked students to write about the advantages and disadvantages of using "seat belts", and having a "substitute teacher". Table 21 reports the data for all of grade 7.

Table 21
Data Summary: Grade 7

# Essays	1,796
# Different words	10,838
# Running words	278,374
# Running words misspelled	13,815
% Misspelled	5%

Grade 7: Spelling Word List

Words misspelled at least 30% of the time were identified and sorted from the greatest number of attempts to the least. The resulting spelling word list for grade 7 consists of 154 words ranging from 842 attempts to 9 attempts (Appendix H). This list constitutes 30% of all the misspellings of the running words in seventh grade. The 154 commonly misspelled words were classified using the most common misspelling according to the sub-categories identified in Section II. The total number of words for each sub-category was used to develop Figures 11a and 11b. Figures 11a and 11b represent the categories using the number of running words and the number of different words respectively.

Figure 11a
Usage Error Categories for
Grade 7 Running Words (N = 4,185)

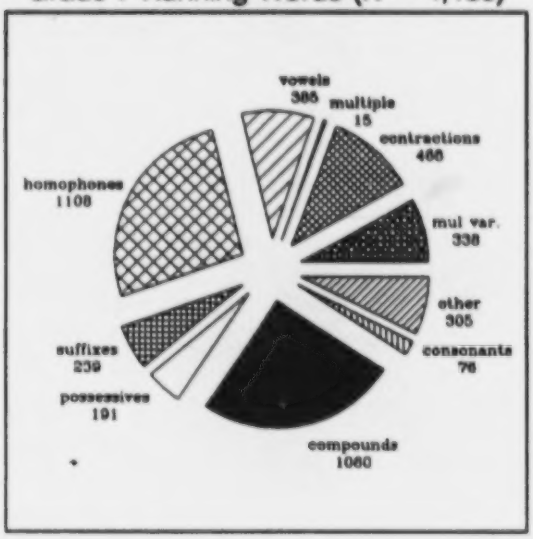
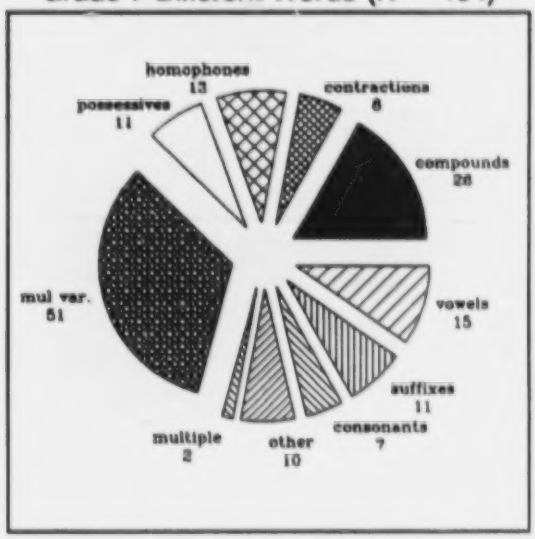


Figure 11b
Usage Error Categories for
Grade 7 Different Words (N = 154)



Potential Instructional Categories

The categories were prioritized based on the running word totals. Table 22 lists the categories (not including multiple errors and multiple variants). The list is arranged from the category with the greatest number of running words to the category with the least number of running words.

Table 22
Grade 7
Instructional Categories

1. homophones
2. compounds
3. contractions
4. vowels
5. suffixes
6. possessives

1. **Homophones** represent 26% of the running words but only 8% of the different words. The more frequent homophone errors are <u>their</u> (842 attempts), <u>too</u>

(429 attempts), you're (284 attempts), and principal (202 attempts). These words are among the 10 most frequent words on the grade 7 misspelling word list. The error percents are 40% for their, 53% for too, 78% for you're and 34% for principal. Other homophones include they're (159 attempts), where (120 attempts), brakes (53 attempts), and straight (35 attempts).

2. **Compound words** represent 17% of the different words and 25% of the running words. Examples of the more frequent errors in compound words are seat belt (433 attempts), seat belts (192 attempts), a lot (162 attempts), everybody (125 attempts), and dashboard (70 attempts). The error percents[1] are 100 % for seat belt, 100% for seat belts, 100% for a lot, 33% everybody, and 51% for dashboard.

3. **Contraction** errors represent 11% of the running words on the spelling word list. Examples include it's (362 attempts), that's (261 attempts), let's (82 attempts), and there's (81 attempts). Contraction errors tend to be within the top 2/3 of the misspelling list. Error percents are 45% for it's, 53% for that's, 49% for let's, and 47% for there's. Other contraction errors are what's (64 attempts), we're (53 attempts), and haven't (17 attempts).

4. **Vowels** represent less than 10% of the running words. Sub-categories under vowels are /ie-ei/ reversals, substitutions, omissions, and final /e/. Vowel errors include windshield (164 attempts) misspelled as windsheild; usually (131 attempts) misspelled as usally; and steering (69 attempts) misspelled as stearing. Error percents are 49% for windshield, 33% for usually, and 45% for steering.

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[1] Separate words were not kept together in the data base, except when they were misspelled. The percent of misspellings is high for words like a lot because we do not have a count of the times a lot was spelled correctly.

5. **Suffix** errors represent less than 10% of the running words. Errors include popped (146 attempts) misspelled as poped, sincerely (94 attempts) misspelled as sincerly, safety (79 attempts) misspelled as safty and studying (64 attempts) misspelled as studing. Error percents are 39% for popped, 53% for sincerely, 30% for safety, and 37% for studying.

6. **Possessive** errors represent 5% of the running words. Examples of possessive errors are girl's (64 attempts), teacher's (56 attempts), its (53 attempts) and principal's (44 attempts). Error percents are 67% for girl's, 57% for teacher's, 41% for its, and 75% for principal's.

7. **Consonant** errors represent 2% of the running words. Consonant errors are tomorrow (38 attempts) misspelled as tommorrow, wrecks (30 attempts) misspelled as recks, and teammates (21 attempts) misspelled as teamates. Error percents are 63% for tomorrow, 40% for wrecks, and 76% for teammates.

Grade 8

Data Summary

Grade 8 includes 1,530 essays. Picture prompts include pictures of "children in a classroom chewing gum" and "children watching a basketball game and cheering". The students are asked to write a story about the picture telling what is happening and what might happen next. A written prompt asks students to write about the "happiest time of my life". Grade 8 has the largest percent of words spelled correctly of 96%. Table 23 reports the data for all of grade 8.

Table 23
Data Summary: Grade 8

# Essays	1,530
# Different words	8,605
# Running words	342,738
# Running words misspelled	11,614
% Misspelled	3%

Grade 8: Spelling Word List

Words misspelled at least 30% of the time were identified and sorted from the greatest number of attempts to the least. The resulting grade 8 spelling word list consists of 151 words ranging from 416 attempts to 8 attempts (Appendix I). This list constitutes 19% of all the misspellings of the running words in eigth grade. The 151 commonly misspelled words were classified using the most common misspelling according to the sub-categories identified in Section II. The total number of words for each sub-category was used to develop Figures 12a and 12b. Figures 12a and 12b represent the misspelling categories based on the number of running words and the number of different words respectively.

Figure 12a
Usage Error Categories for
Grade 8 Running Words (N = 2,233)

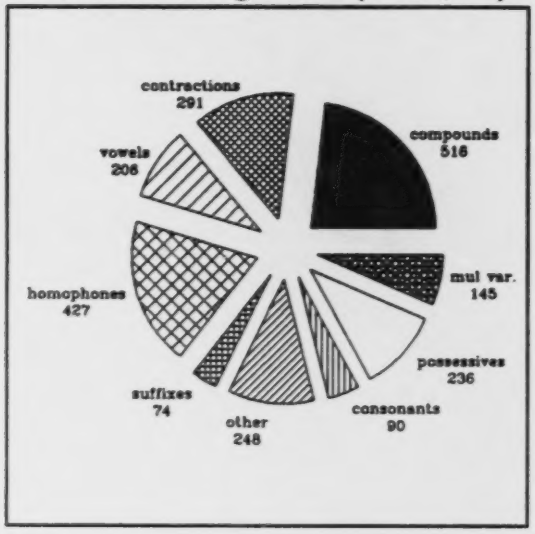
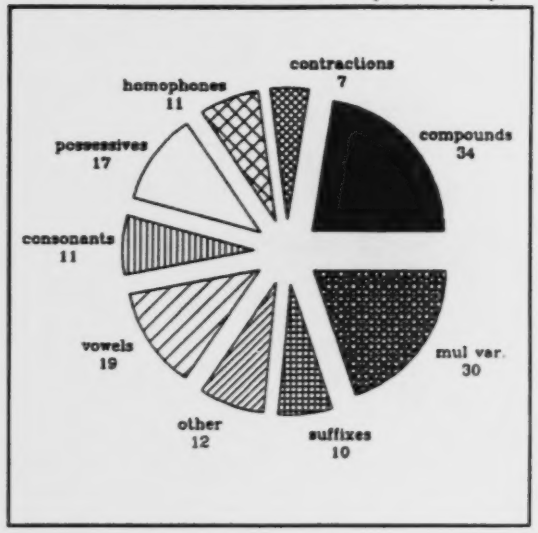


Figure 12b
Usage Error Categories for
Grade 8 Different Words (N = 151)



Potential Instructional Categories

The categories were prioritized based on the running word totals. Table 24 lists the categories (not including multiple errors and multiple variants). The list is arranged from the category with the greatest number of running words to the category with the least number of running words.

Table 24
Grade 8
Instructional Categories

1. compounds
2. homophones
3. contractions
4. possessives
5. vowels
6. consonants

1. **Compounds** represents 23% of the different words and 23% of the running words. Examples of the more frequent compound word errors are a lot (208 attempts)

misspelled alot; three-wheeler (48 attempts) misspelled three wheeler; awhile (46 attempts) misspelled as a while; and chalkboard (43 attempts) misspelled as chalk board. Error percents are 100% for a lot, 67% for three-wheeler, 33% for awhile, and 37% for chalkboard.

2. **Homophones** on the spelling word list represent 7% of the different words and 19% of the running words. Examples of homophones include too (416 attempts), principal (130 attempts), clothes (112 attempts), they're (71 attempts), and you're (63 attempts). Error percents are 49% for too, 41% for principal, 30% for clothes, and 80% each for they're and you're. Less frequent homophones are laid (16 attempts) misspelled as layed, accepted (15 attempts) misspelled as excepted, and steal (12 attempts) misspelled as steel.

3. **Contractions** account for 13% of the running words. Examples of contraction errors are it's (31 attempts), that's (174 attempts), won't (66 attempts) and what's (51 attempts). Error percents are 41% for it's, 39% for that's, 39% for won't, and 51% for what's.

4. **Possessives** account for 11% of the running words. The following examples of possessive errors are girl's (63 attempts), principal's (34 attempts), friend's (32 attempts) and teacher's (27 attempts). Error percents are 79% for girl's, 59% for principal's, 78% for friend's and 63% for teacher's.

5. **Vowel** errors represent 13% of the different words and 9% of the running words. It is the largest category under errors of orthography. Sub-categories under vowels are /ie-ei/ reversals, substitutions, omissions, and omitting the final /e/. Examples of vowel errors are surprise (58 attempts) misspelled as suprise, divorce (35 attempts) misspelled as diverce, received (42 attempts) misspelled as recieved,

restaurant (83 attempts) misspelled as resurant, and license (82 attempts) misspelled as licens. Error percents are 47% for surprise, 35% for divorce, 42% for received, 83% for restaurant, and 82% for license.

6. **Consonants** represent 5% of the running words. Examples of frequent consonant errors are eighth (31 attempts) misspelled as eigth, embarrassed (22 attempts) misspelled as embarassed, and Tennessee (22 attempts) misspelled as Tennesee. Error percents are 32% for eighth, 77% for embarrassed, and 32% for Tennessee.

7. **Suffixes** represent 5% of the running words. Examples of suffix errors are popping (54 attempts) misspelled as popping, beginning (25 attempts) misspelled as begining and immediately (17 attempts) misspelled as immediatly. Error percents are 37% for popping, 68% for beginning and 41% for immediately.

IMPLICATIONS FOR INSTRUCTION

This study is based on the assumption that spelling instruction must focus on the words children misspell in their own writing. Therefore the categories identified using the most common misspellings provide a starting place for instruction. The category with the greatest number of misspellings at each grade level was identified as having a higher priority. The grade level priority lists were then combined together in Table 25 which also includes the mean and the mode for each category across grades.

Table 25
Spelling Error Categories by
Priority Across Grades

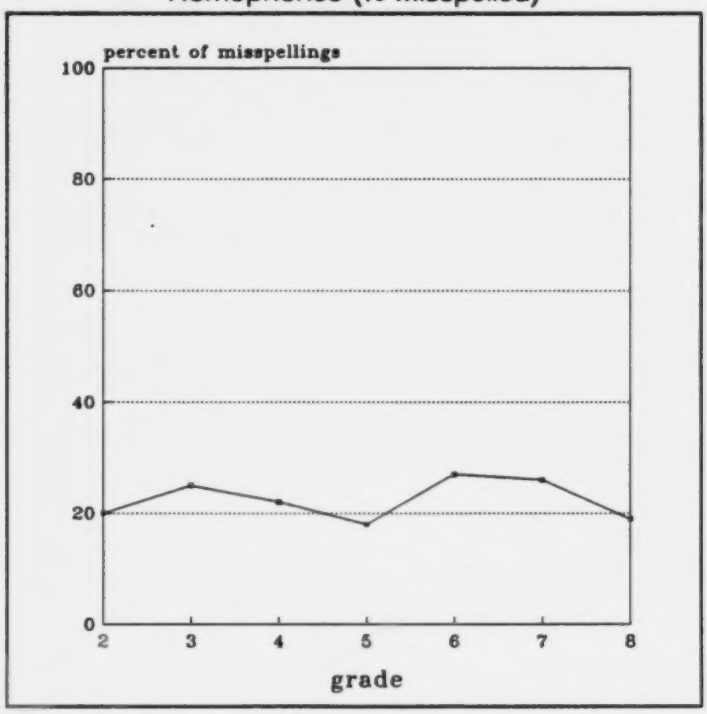
Category	Grade level							Mean	Mode
	2	3	4	5	6	7	8		
vowels	1	2	3	4	3	4	5	3.14	3/4
homophones	2	1	1	3	1	1	2	1.57	1
multiple var.	3	7	2	1	8	5	6	4.57	---
suffixes	4	5	6	7	5	6	8	5.85	5/6
consonants	5	3	7	5	7	8	7	6	7
compounds	6	4	4	2	2	2	1	3	2
multiple	7	8	9	-	9	9	-	8	9
contractions	8	6	5	6	4	3	3	5	3/5
possessives	9	9	8	8	6	7	4	7.28	8/9

Although all of the categories represent the most common spelling patterns by nature of the criteria used to identify them (i.e., error percent over 30% ranked by frequency) this section will deal with the four major categories of misspellings. These major categories have a mean or mode less than 4. They are homophones, compounds, vowels, and contractions and they represent 18% of all of the misspellings in the data.

Homophones

Homophones are problematic at all grades. As has been pointed out there are relatively few homophones which account for all of the misspellings. Figure 13 shows the percent of misspellings for homophones across grades 2 to 8.

Figure 13
Homophones (% Misspelled)

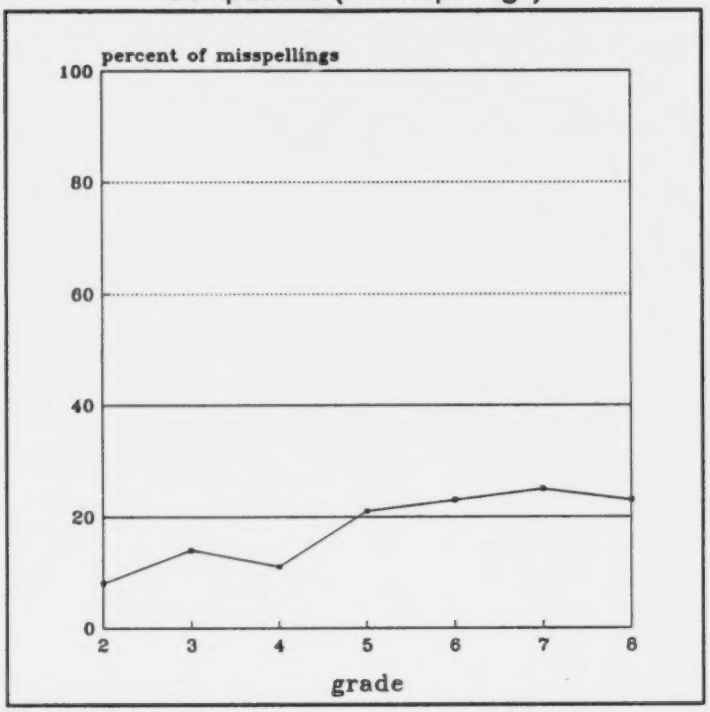


The peak in grades 3 and 6 might be due to the larger number of essays at these two grade levels. Homophone misspellings occur in the more frequently used words in children's writing.

Compounds

Compound word errors are more problematic in the upper grades. Figure 14 represents the percent of misspellings for compound word errors from grade 2 to grade 8.

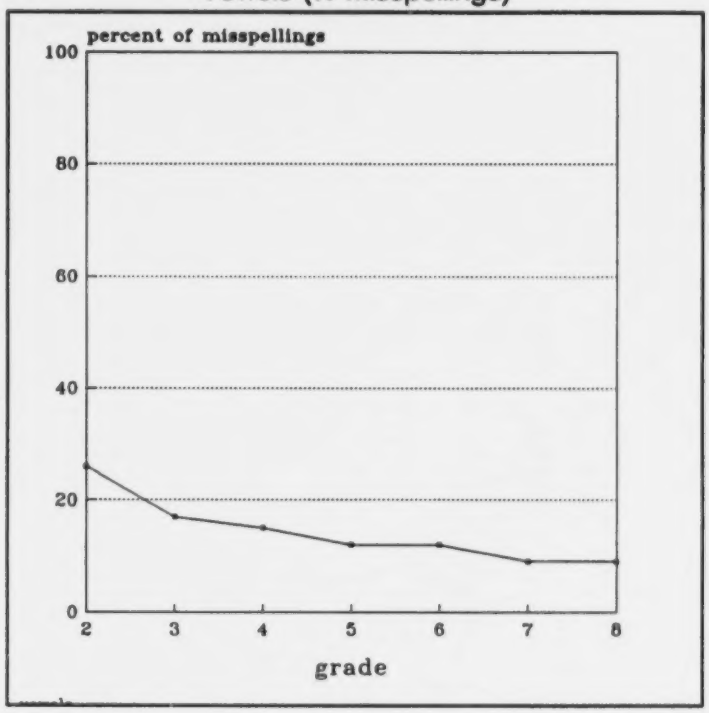
Figure 14
Compounds (% Misspellings)



Vowels

Vowel errors are more problematic in the lower grades. Figure 15 represents the percent of misspellings for words with vowel errors from grades 2 to 8.

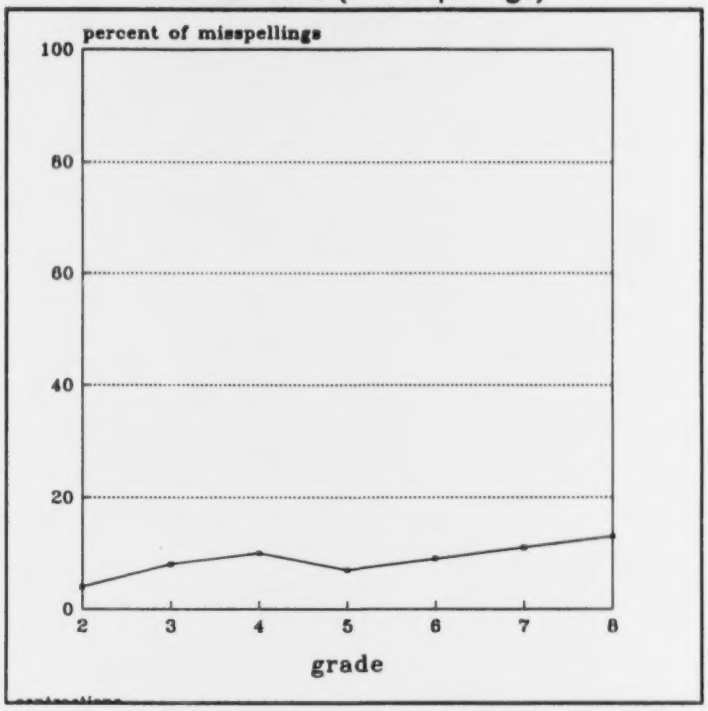
Figure 15
Vowels (% Misspellings)



Contractions

Contraction errors become more problematic in the upper grades although the error percent is lower than the other categories. Figure 16 represents the percent of misspellings for errors in consonants from grade 2 to 8.

Figure 16
Contractions (% Misspellings)



Appendix A

This frequency list contains the 1000 most frequent words from grades 2 through 8 from the most frequent to the least frequent. The 1000 words on this list account for 92% of the running words.

Rank	Root Word	Attempts	Attempt Percent	Correct Number	Correct Percent	Error Number	Error Percent
1	THE	206556	6.705	206191	99.823	365	0.30
2	AND	134297	4.359	133108	99.115	1189	1.62
3	TO	94960	3.082	94376	99.385	584	1.55
4	A	79493	2.580	79410	99.896	83	0.13
5	WAS	62625	2.033	62297	99.476	328	3.44
6	I	57210	1.857	57142	99.881	68	0.38
7	IT	49619	1.611	49327	99.412	292	1.48
8	THEY	49418	1.604	46276	93.642	3142	14.30
9	IN	39949	1.297	39773	99.559	176	1.13
10	IS	38886	1.262	38792	99.758	94	0.41
11	HE	36925	1.199	36834	99.754	91	0.23
12	SHE	36068	1.171	35994	99.795	74	0.57
13	OF	28944	0.939	28747	99.319	197	4.49
14	ON	28099	0.912	27793	98.911	306	0.52
15	THAT	26235	0.852	26044	99.272	191	3.62
16	SAID	25606	0.831	24190	94.470	1416	14.73
17	MY	22951	0.745	22847	99.547	104	1.33
18	YOU	22314	0.724	22049	98.812	265	1.09
19	HER	22289	0.723	21988	98.650	301	2.87
20	SO	22042	0.715	21909	99.397	133	1.57
21	THEN	21608	0.701	20405	94.433	1203	8.10
22	FOR	19706	0.640	19505	98.980	201	2.75
23	HAD	19561	0.635	19378	99.064	183	3.11
24	WE	19343	0.628	19280	99.674	63	0.43
25	GOT	19243	0.625	19035	98.919	208	2.87
26	BUT	18878	0.613	18717	99.147	161	1.44
27	WERE	18564	0.603	16972	91.424	1592	28.57
28	ONE	18319	0.595	17916	97.800	403	2.98
29	WHEN	17535	0.569	16865	96.179	670	13.33
30	WITH	16779	0.545	16294	97.109	485	9.01
31	OUT	16345	0.531	16251	99.425	94	2.03
32	WENT	16315	0.530	15460	94.759	855	16.67
33	ARE	15832	0.514	15620	98.661	212	4.07
34	AT	15792	0.513	15666	99.202	126	0.74
35	HIS	15750	0.511	15333	97.352	417	5.53
36	UP	15489	0.503	15445	99.716	44	0.69
37	ALL	15314	0.497	15227	99.432	87	4.19
38	THERE	14718	0.478	12773	86.785	1945	22.16
39	DAY	13876	0.450	13845	99.777	31	1.08
40	GET	13289	0.431	13135	98.841	154	6.68
41	THEM	12418	0.403	11898	95.813	520	9.21
42	BALL	12368	0.401	12176	98.448	192	3.43
43	GO	12095	0.393	12053	99.653	42	0.82
44	HAVE	11754	0.382	11530	98.094	224	9.91
45	GIRL	11695	0.380	10996	94.023	699	12.81

Rank	Root Word	Attempts	Attempt Percent	Correct Number	Correct Percent	Error Number	Error Percent
46	BOY	11675	0.379	11542	98.861	133	2.84
47	TEACHER	11040	0.358	10670	96.649	370	40.00
48	HIM	10935	0.355	10469	95.738	466	5.48
49	ME	10668	0.346	10572	99.100	96	3.50
50	NOT	10560	0.343	10442	98.883	118	2.33
51	GAME	10321	0.335	10055	97.423	266	1.52
52	WILL	10305	0.334	10116	98.166	189	2.83
53	HOME	9978	0.324	9812	98.336	166	1.77
54	BECAUSE	9890	0.321	8529	86.239	1361	39.53
55	THEIR	9450	0.307	5143	54.423	4307	78.73
56	WHAT	9436	0.306	9097	96.407	339	16.43
57	BE	9409	0.305	9371	99.596	38	1.13
58	TIME	9259	0.301	9083	98.099	176	1.08
59	KIDS	9239	0.300	9016	97.586	223	5.35
60	GOING	9136	0.297	8825	96.596	311	9.76
61	LIKE	8661	0.281	8570	98.949	91	4.15
62	SOME	8487	0.275	8272	97.467	215	6.74
63	SCHOOL	8370	0.272	8160	97.491	210	12.73
64	BACK	8362	0.271	8108	96.962	254	7.73
65	TWO	8031	0.261	7456	92.840	575	23.13
66	THIS	8014	0.260	7958	99.301	56	3.24
67	HIT	7817	0.254	7535	96.392	282	7.25
68	CAME	7647	0.248	7397	96.731	250	3.65
69	IF	7628	0.248	7584	99.423	44	1.50
70	DO	7572	0.246	7519	99.300	53	1.22
71	ABOUT	7547	0.245	7335	97.191	212	20.62
72	WOULD	7423	0.241	7149	96.309	274	24.17
73	AFTER	7395	0.240	7190	97.228	205	7.50
74	VERY	7358	0.239	7181	97.594	177	3.95
75	OTHER	7091	0.230	6727	94.867	364	28.07
76	PLAY	7037	0.228	6989	99.318	48	0.54
77	AS	6933	0.225	6852	98.832	81	6.17
78	JUST	6758	0.219	6627	98.062	131	7.94
79	BUBBLE	6680	0.217	5891	88.189	789	31.25
80	OVER	6671	0.217	6564	98.396	107	6.47
81	GUM	6666	0.216	6510	97.660	156	0.00
82	AROUND	6621	0.215	6276	94.789	345	44.44
83	DID	6527	0.212	6498	99.556	29	1.40
84	DOG	6472	0.210	6395	98.810	77	3.87
85	NEXT	6317	0.205	6027	95.409	290	11.06
86	TEAM	6316	0.205	5938	94.015	378	12.17
87	STARTED	6151	0.200	5796	94.229	355	22.03
88	HAS	6111	0.198	5963	97.578	148	13.40
89	CLASS	6109	0.198	6053	99.083	56	50.00
90	PLAYING	6100	0.198	5929	97.197	171	4.97
91	DOWN	6078	0.197	5899	97.055	179	8.94
92	COULD	6006	0.195	5770	96.071	236	30.46
93	BIG	5690	0.185	5641	99.139	49	2.78
94	GOOD	5647	0.183	5610	99.345	37	3.50
95	END	5569	0.181	5509	98.923	60	2.16
96	NOW	5557	0.180	5191	93.414	366	12.36
97	OR	5489	0.178	5319	96.903	170	7.91
98	TOLD	5474	0.178	5274	96.346	200	7.00

Rank	Root Word	Attempts	Attempt Percent	Correct Number	Correct Percent	Error Number	Error Percent
99	SEE	5381	0.175	5336	99.164	45	0.61
100	CAN	5289	0.172	5232	98.922	57	3.63
101	FROM	5266	0.171	5149	97.778	117	7.84
102	DIDN'T	5254	0.171	4520	86.030	734	30.67
103	TOO	5253	0.171	2080	39.596	3173	70.00
104	SAW	5172	0.168	4978	96.249	194	4.40
105	FIRST	5094	0.165	4698	92.226	396	18.75
106	AGAIN	5049	0.164	3992	79.065	1057	51.63
107	BASEBALL	4983	0.162	3941	79.089	1042	37.99
108	PEOPLE	4879	0.158	4582	93.913	297	39.13
109	RAN	4850	0.157	4789	98.742	61	1.64
110	MRS.	4810	0.156	4798	99.751	12	11.76
111	MOM	4723	0.153	4663	98.730	60	0.00
112	OFF	4529	0.147	3805	84.014	724	24.69
113	BY	4502	0.146	4383	97.357	119	5.13
114	KNOW	4447	0.144	3845	86.463	602	41.38
115	FRIENDS	4363	0.142	3768	86.363	595	40.30
116	DON'T	4358	0.141	3837	88.045	521	12.09
117	YOUR	4356	0.141	4149	95.248	207	11.25
118	LITTLE	4283	0.139	4005	93.509	278	10.81
119	MADE	4221	0.137	4025	95.357	196	8.94
120	TOOK	4170	0.135	3856	92.470	314	17.37
121	NO	4145	0.135	3964	95.633	181	2.35
122	INTO	4077	0.132	3711	91.023	366	22.52
123	WHO	3974	0.129	3786	95.269	188	14.10
124	WELL	3774	0.122	3619	95.893	155	22.37
125	FUN	3714	0.121	3659	98.519	55	2.78
126	DRAGON	3692	0.120	3201	86.701	491	13.23
127	COME	3649	0.118	3578	98.054	71	1.54
128	HAPPY	3558	0.115	3509	98.623	49	3.77
129	WHILE	3546	0.115	3255	91.794	291	45.45
130	RIGHT	3511	0.114	3196	91.028	315	32.84
131	MOTHER	3483	0.113	3367	96.670	116	6.02
132	PUT	3480	0.113	3412	98.046	68	8.33
133	MORE	3416	0.111	3338	97.717	78	9.26
134	THREE	3406	0.111	3314	97.299	92	6.19
135	ASKED	3401	0.110	3316	97.501	85	10.61
136	ROOM	3358	0.109	3292	98.035	66	0.72
137	POP	3347	0.109	3310	98.895	37	0.00
138	CHILDREN	3341	0.108	2976	89.075	365	35.00
139	TURNED	3328	0.108	3114	93.570	214	38.46
140	THINK	3299	0.107	3133	94.968	166	18.39
141	BAT	3299	0.107	3224	97.727	75	4.11
142	OUR	3290	0.107	2872	87.295	418	21.88
143	NAME	3262	0.106	3160	96.873	102	4.17
144	US	3256	0.106	3156	96.929	100	3.06
145	RUN	3246	0.105	3177	97.874	69	1.78
146	AN	3226	0.105	3146	97.520	80	7.55
147	EVERYONE	3149	0.102	2504	79.517	645	45.45
148	WANT	3109	0.101	2713	87.263	396	23.17
149	SOMETHING	3055	0.099	2575	84.288	480	16.28
150	HOW	3017	0.098	2971	98.475	46	3.23
151	ANOTHER	2969	0.096	2384	80.296	585	58.00

Rank	Root Word	Attempts	Attempt Percent	Correct Number	Correct Percent	Error Number	Error Percent
152	HOUSE	2919	0.095	2792	95.649	127	14.86
153	IT'S	2907	0.094	1821	62.642	1086	47.83
154	FOUND	2866	0.093	2678	93.440	188	25.00
155	BEST	2849	0.092	2814	98.771	35	8.33
156	NEVER	2823	0.092	2750	97.414	73	14.81
157	SEAT	2802	0.091	2700	96.360	102	66.67
158	WATER	2795	0.091	2695	96.422	100	7.69
159	WANTED	2720	0.088	2589	95.184	131	10.20
160	HELP	2706	0.088	2650	97.931	56	8.33
161	DOCTOR	2703	0.088	1827	67.592	876	49.41
162	ALSO	2692	0.087	2619	97.288	73	22.22
163	TRYING	2660	0.086	2230	83.835	430	48.84
164	FRIEND	2655	0.086	2231	84.030	424	28.57
165	DAD	2654	0.086	2631	99.133	23	5.26
166	WON	2627	0.085	2385	90.788	242	18.58
167	LOOK	2610	0.085	2552	97.778	58	2.99
168	TAKE	2577	0.084	2487	96.508	90	14.42
169	MAD	2568	0.083	2425	94.431	143	8.82
170	I'M	2567	0.083	2183	85.041	384	17.07
171	MIGHT	2532	0.082	2154	85.071	378	31.47
172	THOUGHT	2517	0.082	2117	84.108	400	68.42
173	HURT	2516	0.082	1948	77.424	568	36.84
174	MAKE	2492	0.081	2431	97.552	61	11.54
175	CALLED	2485	0.081	2423	97.505	62	10.14
176	CAR	2461	0.080	2445	99.350	16	0.00
177	PLAYED	2458	0.080	2352	95.688	106	4.50
178	HAVING	2444	0.079	2224	90.998	220	30.23
179	LOOKED	2431	0.079	2391	98.355	40	13.04
180	WHY	2429	0.079	2305	94.895	124	16.28
181	TELL	2415	0.078	2369	98.095	46	12.50
182	STILL	2386	0.077	2256	94.552	130	19.15
183	REALLY	2375	0.077	1938	81.600	437	59.46
184	EVER	2375	0.077	2258	95.074	117	18.75
185	LEFT	2363	0.077	2293	97.038	70	9.09
186	BASKETBALL	2361	0.077	1795	76.027	566	50.00
187	WAY	2328	0.076	2289	98.325	39	9.80
188	ONLY	2328	0.076	2237	96.091	91	19.23
189	EVEN	2278	0.074	2227	97.761	51	4.76
190	HOSPITAL	2277	0.074	1754	77.031	523	24.10
191	MRS	2267	0.074	2265	99.912	2	0.00
192	BOTH	2263	0.073	2191	96.818	72	21.43
193	HERE	2262	0.073	2028	89.655	234	15.48
194	FINALLY	2259	0.073	1596	70.651	663	72.22
195	ONCE	2237	0.073	2069	92.490	168	10.99
196	THING	2237	0.073	2197	98.212	40	5.26
197	YES	2235	0.073	2229	99.732	6	0.00
198	FACE	2214	0.072	2171	98.058	43	0.00
199	BOX	2210	0.072	2183	98.778	27	0.00
200	BIRTHDAY	2209	0.072	1992	90.177	217	0.00
201	AWAY	2200	0.071	2092	95.091	108	12.12
202	GETTING	2186	0.071	1906	87.191	280	44.83
203	OFFICE	2186	0.071	2036	93.138	150	16.67
204	BAD	2184	0.071	2144	98.168	40	5.19

Rank	Root Word	Attempts	Attempt Percent	Correct Number	Correct Percent	Error Number	Error Percent
205	LIFE	2175	0.071	2142	98.483	33	16.67
206	LONG	2174	0.071	2108	96.964	66	5.41
207	GAVE	2168	0.070	2144	98.893	24	9.30
208	WHERE	2164	0.070	1539	71.118	625	53.85
209	FELL	2138	0.069	2015	94.247	123	3.96
210	PENCIL	2131	0.069	1940	91.037	191	0.00
211	TROUBLE	2125	0.069	1714	80.659	411	87.50
212	BROTHER	2111	0.069	1932	91.521	179	18.18
213	WORK	2067	0.067	2036	98.500	31	13.33
214	PARENTS	2062	0.067	1798	87.197	264	42.86
215	DOING	2059	0.067	2005	97.377	54	0.00
216	MIKE	2044	0.066	2041	99.853	3	0.11
217	BEHIND	2026	0.066	1821	89.882	205	40.48
218	NICE	2020	0.066	1958	96.931	62	5.71
219	LAST	2016	0.065	1991	98.760	25	2.27
220	EVERYBODY	2002	0.065	1265	63.187	737	75.86
221	NEW	1975	0.064	1910	96.709	65	9.09
222	LET	1974	0.064	1938	98.176	36	0.00
223	THINGS	1946	0.063	1889	97.071	57	9.09
224	NIGHT	1912	0.062	1860	97.280	52	6.06
225	BEEN	1897	0.062	1824	96.152	73	28.00
226	ALWAYS	1894	0.061	1532	80.887	362	44.44
227	BEFORE	1879	0.061	1606	85.471	273	44.44
228	ATTENTION	1872	0.061	1476	78.846	396	78.13
229	EAT	1866	0.061	1853	99.303	13	3.57
230	THAT'S	1852	0.060	858	46.328	994	65.79
231	FIRE	1848	0.060	1807	97.781	41	25.00
232	SAY	1843	0.060	1822	98.861	21	9.52
233	BLOWING	1820	0.059	1767	97.088	53	0.00
234	MAN	1814	0.059	1794	98.897	20	0.99
235	PARTY	1801	0.058	1698	94.281	103	38.46
236	BOYS	1788	0.058	1648	92.170	140	16.90
237	CHEWING	1787	0.058	1707	95.523	80	0.00
238	BOARD	1780	0.058	1598	89.775	182	52.94
239	TURN	1774	0.058	1608	90.643	166	23.93
240	LATER	1758	0.057	1663	94.596	95	12.50
241	UNTIL	1757	0.057	1219	69.380	538	75.00
242	WRITING	1746	0.057	1393	79.782	353	0.00
243	LET'S	1733	0.056	677	39.065	1056	61.22
244	BETTER	1714	0.056	1580	92.182	134	40.21
245	CAUGHT	1712	0.056	1072	62.617	640	66.67
246	MORNING	1706	0.055	1487	87.163	219	42.31
247	CAVE	1695	0.055	1683	99.292	12	0.00
248	LOOKS	1681	0.055	1583	94.170	98	18.18
249	RUNNING	1680	0.055	1308	77.857	372	38.24
250	BLEW	1676	0.054	1571	93.735	105	15.04
251	GIRLS	1676	0.054	1482	88.425	194	21.62
252	SISTER	1674	0.054	1608	96.057	66	10.84
253	FRONT	1668	0.054	1571	94.185	97	23.53
254	COULDN'T	1667	0.054	1385	83.083	282	40.00
255	STOP	1665	0.054	1655	99.399	10	0.00
256	SECOND	1664	0.054	1435	86.238	229	33.80
257	POPPED	1654	0.054	1038	62.757	616	0.00

Rank	Root Word	Attempts	Attempt Percent	Correct Number	Correct Percent	Error Number	Error Percent
258	READY	1652	0.054	1463	88.559	189	35.38
259	THREW	1644	0.053	1169	71.107	475	43.18
260	SUBSTITUTE	1632	0.053	1228	75.245	404	0.00
261	EACH	1631	0.053	1586	97.241	45	0.00
262	SITTING	1628	0.053	1390	85.381	238	57.89
263	HARD	1620	0.053	1579	97.469	41	8.70
264	OK	1615	0.052	1604	99.319	11	0.00
265	TALKING	1615	0.052	1546	95.728	69	20.51
266	PROBABLY	1609	0.052	817	50.777	792	96.55
267	TRIED	1606	0.052	1311	81.631	295	41.67
268	TODAY	1603	0.052	1522	94.947	81	16.13
269	KID	1591	0.052	1559	97.989	32	5.88
270	AM	1582	0.051	1509	95.386	73	3.33
271	FAST	1580	0.051	1561	98.797	19	1.23
272	GIVE	1574	0.051	1554	98.729	20	2.33
273	NAMED	1571	0.051	1507	95.926	64	0.00
274	MUCH	1568	0.051	1513	96.492	55	10.26
275	SCORE	1558	0.051	1403	90.051	155	16.67
276	MISS	1555	0.050	1401	90.096	154	27.78
277	LOVE	1541	0.050	1527	99.091	14	0.00
278	GETS	1539	0.050	1438	93.437	101	8.33
279	KNEW	1533	0.050	1281	83.562	252	58.33
280	READING	1528	0.050	1503	98.364	25	0.00
281	OUTSIDE	1528	0.050	1115	72.971	413	28.26
282	HEARD	1523	0.049	1184	77.741	339	55.56
283	WIN	1523	0.049	1475	96.848	48	2.70
284	PITCHER	1521	0.049	1011	66.469	510	43.20
285	ROCK	1518	0.049	1507	99.275	11	16.67
286	STAY	1512	0.049	1478	97.751	34	6.85
287	HAPPENED	1511	0.049	1015	67.174	496	67.19
288	TALK	1503	0.049	1468	97.671	35	4.35
289	FIND	1490	0.048	1450	97.315	40	20.00
290	SHOULD	1488	0.048	1382	92.876	106	29.17
291	SAT	1477	0.048	1450	98.172	27	0.00
292	BOOK	1476	0.048	1464	99.187	12	0.00
293	DECIDED	1470	0.048	1263	85.918	207	88.89
294	WASN'T	1466	0.048	1231	83.970	235	53.85
295	GREAT	1462	0.047	1403	95.964	59	16.67
296	LOT	1457	0.047	1421	97.529	36	0.00
297	BASE	1449	0.047	1304	89.993	145	21.79
298	GIRAFFE	1447	0.047	1013	70.007	434	22.68
299	DOOR	1446	0.047	1425	98.548	21	7.14
300	BIKE	1446	0.047	1396	96.542	50	8.33
301	SCARED	1444	0.047	1032	71.468	412	54.00
302	PRINCIPAL	1440	0.047	745	51.736	695	0.00
303	CAN'T	1438	0.047	1241	86.300	197	13.16
304	WALKED	1436	0.047	1412	98.329	24	0.00
305	REAL	1436	0.047	1366	95.125	70	33.33
306	OH	1431	0.046	1338	93.501	93	1.79
307	PARK	1426	0.046	1394	97.756	32	10.29
308	SOON	1422	0.046	1374	96.624	48	3.13
309	EMERGENCY	1410	0.046	1150	81.560	260	19.72
310	PLACE	1400	0.045	1343	95.929	57	28.57

Rank	Root Word	Attempts	Attempt Percent	Correct Number	Correct Percent	Error Number	Error Percent
311	FOUR	1398	0.045	1335	95.494	63	0.00
312	PERSON	1397	0.045	1308	93.629	89	36.36
313	WHOLE	1386	0.045	1098	79.221	288	75.00
314	HEAD	1384	0.045	1325	95.737	59	11.36
315	YEAR	1375	0.045	1362	99.055	13	0.00
316	OPEN	1366	0.044	1336	97.804	30	0.00
317	LEG	1364	0.044	1291	94.648	73	13.00
318	FATHER	1364	0.044	1271	93.182	93	2.17
319	EVERY	1360	0.044	1187	87.279	173	36.67
320	CATCH	1350	0.044	1080	80.000	270	32.00
321	LOOKING	1345	0.044	1311	97.472	34	20.00
322	FAMILY	1331	0.043	1184	88.956	147	33.33
323	ANY	1329	0.043	1269	95.485	60	12.50
324	BELT	1326	0.043	1297	97.813	29	0.00
325	OLD	1324	0.043	1313	99.169	11	9.09
326	BEING	1311	0.043	1254	95.652	57	0.00
327	PICTURE	1309	0.042	1173	89.610	136	12.50
328	SPECIAL	1309	0.042	1040	79.450	269	0.00
329	THAN	1307	0.042	1113	85.157	194	60.00
330	STRIKE	1305	0.042	959	73.487	346	26.58
331	YOU'RE	1301	0.042	218	16.756	1083	97.22
332	BEACH	1297	0.042	1266	97.610	31	0.00
333	SAYS	1294	0.042	1152	89.026	142	36.11
334	BUBBLES	1289	0.042	1113	86.346	176	0.00
335	YELLED	1289	0.042	1212	94.026	77	38.46
336	TOGETHER	1278	0.041	1086	84.977	192	42.11
337	STUDENTS	1278	0.041	1220	95.462	58	23.08
338	HAPPIEST	1278	0.041	1234	96.557	44	36.36
339	WEEK	1276	0.041	1246	97.649	30	1.72
340	BOAT	1266	0.041	1181	93.286	85	8.35
341	OPENED	1261	0.041	1093	86.677	168	0.00
342	SOMEONE	1254	0.041	1004	80.064	250	37.93
343	HAIR	1235	0.040	1168	94.575	67	43.48
344	MOST	1233	0.040	1207	97.891	26	0.00
345	CALL	1226	0.040	1206	98.369	20	1.92
346	THROUGH	1225	0.040	838	68.408	387	80.95
347	ASK	1224	0.040	1199	97.958	25	8.11
348	TRY	1221	0.040	1163	95.250	58	22.58
349	CRYING	1217	0.040	1079	88.661	138	24.32
350	ALMOST	1211	0.039	996	82.246	215	37.50
351	MAY	1207	0.039	1176	97.432	31	4.35
352	JUMPED	1201	0.039	1072	89.259	129	17.24
353	LUNCH	1197	0.039	1147	95.823	50	5.56
354	GOLD	1195	0.039	1187	99.331	8	0.00
355	COMING	1194	0.039	999	83.668	195	24.00
356	HAND	1179	0.038	1149	97.455	30	2.60
357	GOES	1177	0.038	971	82.498	206	58.06
358	SORRY	1175	0.038	1114	94.809	61	23.08
359	ANYTHING	1174	0.038	932	79.387	242	28.57
360	SENT	1171	0.038	1134	96.840	37	16.67
361	REST	1169	0.038	1144	97.861	25	6.67
362	WRITE	1167	0.038	1001	85.775	166	0.00
363	ATE	1164	0.038	1114	95.704	50	10.53

Rank	Root Word	Attempts	Attempt Percent	Correct Number	Correct Percent	Error Number	Error Percent
364	ICE	1162	0.038	1157	99.570	5	7.14
365	THIRD	1159	0.038	997	86.022	162	33.90
366	INSIDE	1156	0.038	994	85.986	162	50.00
367	I'LL	1152	0.037	1042	90.451	110	26.09
368	MAYBE	1144	0.037	874	76.399	270	50.85
369	BED	1142	0.037	1127	98.687	15	1.47
370	PICNIC	1134	0.037	998	88.007	136	48.70
371	DAYS	1131	0.037	1088	96.198	43	10.87
372	SOMETIMES	1130	0.037	856	75.752	274	45.45
373	STORY	1119	0.036	1061	94.817	58	12.90
374	SAD	1106	0.036	1087	98.282	19	0.00
375	MANY	1103	0.036	1072	97.189	31	0.00
376	FOOD	1102	0.036	1098	99.637	4	0.00
377	START	1098	0.036	1048	95.446	50	21.43
378	BROKE	1094	0.036	875	79.982	219	39.68
379	PAYING	1094	0.036	1070	97.806	24	8.33
380	SAME	1092	0.035	1065	97.527	27	0.00
381	A LOT	1092	0.035	1	0.092	1091	100.00
382	MOUTH	1089	0.035	1018	93.480	71	38.46
383	YEARS	1082	0.035	1054	97.412	28	41.67
384	SUDDEN	1082	0.035	932	86.137	150	63.64
385	MEAN	1074	0.035	1003	93.389	71	33.33
386	LAUGHING	1072	0.035	908	84.701	164	61.90
387	THEY'RE	1061	0.034	187	17.625	874	70.83
388	WEARING	1055	0.034	904	85.687	151	100.00
389	THESE	1055	0.034	972	92.133	83	29.41
390	WON'T	1055	0.034	737	69.858	318	52.17
391	GAMES	1049	0.034	1010	96.282	39	6.25
392	BROUGHT	1043	0.034	782	74.976	261	65.79
393	BLACK	1043	0.034	978	93.768	65	5.00
394	KEPT	1043	0.034	904	86.673	139	64.71
395	RIDE	1037	0.034	1015	97.878	22	0.00
396	TIMES	1037	0.034	1014	97.782	23	0.00
397	THROW	1034	0.034	823	79.594	211	30.56
398	CLASSROOM	1033	0.034	714	69.119	319	55.88
399	GIFT	1031	0.033	1015	98.448	16	0.00
400	SEESAW	1027	0.033	310	30.185	717	69.79
401	MISSED	1023	0.033	762	74.487	261	60.47
402	HITS	1020	0.033	946	92.745	74	13.41
403	SUDDENLY	1017	0.033	820	80.629	197	25.00
404	DONE	1011	0.033	954	94.362	57	7.14
405	FISH	996	0.032	972	97.590	24	3.66
406	WALKING	996	0.032	958	96.185	38	25.00
407	WHICH	995	0.032	832	83.618	163	25.00
408	MINUTES	994	0.032	784	78.873	210	70.00
409	HAPPEN	988	0.032	919	93.016	69	25.40
410	EVERYTHING	987	0.032	685	69.402	302	100.00
411	CATCHER	986	0.032	722	73.225	264	30.56
412	SURE	984	0.032	862	87.602	122	40.00
413	LIVED	984	0.032	964	97.967	20	0.00
414	CHEERING	983	0.032	871	88.606	112	60.00
415	HIGH	980	0.032	924	94.286	56	41.18
416	BILL	962	0.031	962	100.000	0	0.00

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417	VOLLEYBALL	959	0.031	496	51.721	463	100.00
418	TEST	955	0.031	950	99.476	5	0.00
419	DOES	953	0.031	802	84.155	151	26.92
420	FELT	951	0.031	909	95.584	42	13.16
421	LOST	946	0.031	905	95.666	41	0.00
422	YELLING	946	0.031	919	97.146	27	11.11
423	DESK	945	0.031	907	95.979	38	16.95
424	WRONG	944	0.031	830	87.924	114	48.28
425	HE'S	942	0.031	777	82.484	165	52.50
426	COACH	937	0.030	811	86.553	126	66.67
427	FEW	936	0.030	901	96.261	35	23.81
428	CAKE	936	0.030	917	97.970	19	2.36
429	NOTHING	935	0.030	876	93.690	59	42.86
430	PRETTY	935	0.030	825	88.235	110	40.00
431	KEEP	918	0.030	884	96.296	34	30.77
432	NAMES	916	0.030	856	93.450	60	10.71
433	WOULDN'T	915	0.030	764	83.497	151	50.00
434	PLAYER	910	0.030	884	97.143	26	15.79
435	PIECE	908	0.029	635	69.934	273	100.00
436	SIDE	908	0.029	891	98.128	17	0.00
437	SHOT	902	0.029	833	92.350	69	26.92
438	RACCOON	900	0.029	146	16.222	754	83.63
439	BOXES	899	0.029	800	88.988	99	11.09
440	WALK	893	0.029	876	98.096	17	9.38
441	FIVE	890	0.029	882	99.101	8	0.00
442	SWIMMING	890	0.029	727	81.685	163	40.00
443	CHRISTMAS	886	0.029	738	83.296	148	31.96
444	WINNING	884	0.029	682	77.149	202	22.22
445	DOESN'T	879	0.029	598	68.032	281	37.50
446	COMES	869	0.028	817	94.016	52	10.00
447	WATCH	869	0.028	760	87.457	109	41.18
448	WHITE	868	0.028	783	90.207	85	34.78
449	NURSE	860	0.028	650	75.581	210	36.79
450	FIELD	856	0.028	498	58.178	358	54.90
451	PRESENTS	855	0.028	659	77.076	196	0.00
452	HOMEWORK	855	0.028	730	85.380	125	40.00
453	BLOW	853	0.028	823	96.483	30	0.00
454	BELL	837	0.027	829	99.044	8	0.00
455	STOPPED	836	0.027	546	65.311	290	63.64
456	EATING	836	0.027	795	95.096	41	0.00
457	QUIET	827	0.027	618	74.728	209	75.00
458	SHE'S	827	0.027	670	81.016	157	33.33
459	WEAR	817	0.027	661	80.906	156	60.00
460	WEEKS	816	0.026	781	95.711	35	12.50
461	MARK	812	0.026	811	99.877	1	0.00
462	SINCE	803	0.026	659	82.067	144	50.00
463	BATTER	794	0.026	602	75.819	192	49.28
464	FALL	779	0.025	745	95.635	34	7.69
465	ARM	779	0.025	736	94.480	43	6.67
466	SHIRT	778	0.025	657	84.447	121	31.58
467	LIKED	778	0.025	770	98.972	8	0.00
468	RED	777	0.025	776	99.871	1	0.00
469	EXCEPT	776	0.025	543	69.974	233	66.33

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470	POINTS	774	0.025	717	92.636	57	21.74
471	HOT	770	0.025	764	99.221	6	3.57
472	SPACESHIP	770	0.025	617	80.130	153	100.00
473	LESSON	764	0.025	700	91.623	64	17.95
474	BABY	763	0.025	705	92.398	58	4.88
475	TOP	763	0.025	748	98.034	15	12.50
476	SKATING	763	0.025	692	90.695	71	0.00
477	UPON	762	0.025	437	57.349	325	45.45
478	PICKED	760	0.025	717	94.342	43	40.00
479	QUIT	760	0.025	715	94.079	45	25.00
480	SIT	759	0.025	713	93.939	46	0.00
481	RABBIT	758	0.025	676	89.182	82	17.74
482	WAIT	756	0.025	651	86.111	105	17.86
483	LOTS	756	0.025	697	92.196	59	0.00
484	SLEEP	756	0.025	720	95.238	36	10.53
485	SMALL	751	0.024	721	96.005	30	50.00
486	MAKES	747	0.024	710	95.047	37	24.00
487	BEGAN	742	0.024	652	87.871	90	50.00
488	MR.	741	0.024	741	100.000	0	0.00
489	CARE	740	0.024	725	97.973	15	13.64
490	FAR	739	0.024	691	93.505	48	37.84
491	CLOTHES	737	0.024	469	63.636	268	88.89
492	FIGHT	737	0.024	691	93.758	46	40.00
493	LOUD	733	0.024	697	95.089	36	14.29
494	HALL	731	0.024	718	98.222	13	16.00
495	GRADE	729	0.024	711	97.531	18	50.00
496	ADVANTAGES	728	0.024	678	93.132	50	0.00
497	MAKING	727	0.024	681	93.673	46	37.50
498	SUMMER	724	0.024	690	95.304	34	35.71
499	GLAD	724	0.024	686	94.751	38	12.50
500	WATCHING	720	0.023	628	87.222	92	41.67
501	HALF	714	0.023	689	96.499	25	20.00
502	RUNS	713	0.023	669	93.829	44	3.51
503	PAY	712	0.023	707	99.298	5	25.00
504	CAT	711	0.023	704	99.015	7	0.00
505	GUESS	708	0.023	578	81.638	130	41.67
506	DISADVANTAGES	707	0.023	617	87.270	90	0.00
507	BEAR	706	0.023	682	96.601	24	2.47
508	AIR	706	0.023	688	97.450	18	0.00
509	GONE	703	0.023	672	95.590	31	15.38
510	WOKE	701	0.023	645	92.011	56	42.86
511	READ	701	0.023	686	97.860	15	40.00
512	KIND	700	0.023	668	95.429	32	8.33
513	SEEN	699	0.023	677	96.853	22	0.00
514	EYES	699	0.023	652	93.276	47	0.00
515	ASSIGNMENT	698	0.023	463	66.332	235	100.00
516	THANK	698	0.023	655	93.840	43	22.22
517	WHAT'S	698	0.023	338	48.424	360	54.17
518	NEED	697	0.023	654	93.831	43	16.98
519	GROUND	696	0.023	606	87.069	90	40.00
520	WORLD	694	0.023	639	92.075	55	28.57
521	SHARK	694	0.023	672	96.830	22	13.79
522	CHEW	693	0.022	664	95.815	29	0.00

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523	GIRL'S	691	0.022	207	29.957	484	69.70
524	DIFFERENT	690	0.022	480	69.565	210	66.67
525	JUMP	687	0.022	643	93.595	44	4.35
526	RIDING	686	0.022	585	85.277	101	46.15
527	SAYING	685	0.022	653	95.328	32	23.08
528	SHOW	685	0.022	678	98.978	7	0.00
529	FEEL	682	0.022	578	84.751	104	55.00
530	LOSING	679	0.022	425	62.592	254	100.00
531	PLEASE	676	0.022	588	86.982	88	65.57
532	BELTS	672	0.022	643	95.685	29	0.00
533	FUNNY	666	0.022	633	95.045	33	0.00
534	LAUGHED	664	0.022	493	74.247	171	66.67
535	RECEIVED	662	0.021	384	58.006	278	88.00
536	LISTEN	661	0.021	580	87.746	81	100.00
537	CANDLES	659	0.021	499	75.721	160	27.20
538	UNDER	658	0.021	637	96.809	21	0.00
539	TREE	658	0.021	652	99.088	6	0.00
540	MONEY	655	0.021	596	90.992	59	63.64
541	RECESS	655	0.021	463	70.687	192	42.41
542	ICE-SKATING	653	0.021	99	15.161	554	100.00
543	LEAVE	650	0.021	592	91.077	58	100.00
544	TEN	648	0.021	643	99.228	5	5.26
545	TEACH	648	0.021	627	96.759	21	0.00
546	ELSE	646	0.021	578	89.474	68	22.22
547	STAYED	645	0.021	549	85.116	96	58.82
548	TOMORROW	644	0.021	299	46.429	345	75.86
549	PLAYGROUND	643	0.021	446	69.362	197	66.67
550	THOSE	643	0.021	606	94.246	37	37.50
551	MEN	642	0.021	632	98.442	10	0.00
552	WAITING	639	0.021	532	83.255	107	46.67
553	MS	636	0.021	636	100.000	0	0.00
554	TIRED	634	0.021	520	82.019	114	66.67
555	ENOUGH	634	0.021	522	82.334	112	100.00
556	DETENTION	633	0.021	477	75.355	156	100.00
557	HOUR	630	0.020	597	94.762	33	20.00
558	THERE'S	629	0.020	311	49.444	318	43.75
559	SICK	628	0.020	597	95.064	31	10.08
560	HOME RUN	627	0.020	2	0.319	625	100.00
561	LIVE	624	0.020	616	98.718	8	0.00
562	PAPER	622	0.020	598	96.141	24	11.11
563	STUDENT	621	0.020	587	94.525	34	0.00
564	DURING	617	0.020	573	92.869	44	14.29
565	ENGLISH	608	0.020	591	97.204	17	17.65
566	LISTENING	601	0.020	462	76.872	139	50.00
567	HOPE	601	0.020	581	96.672	20	14.81
568	POINT	600	0.019	555	92.500	45	43.75
569	WE'RE	598	0.019	206	34.448	392	85.71
570	RANG	595	0.019	561	94.286	34	0.00
571	SWING	594	0.019	549	92.424	45	10.00
572	CUT	587	0.019	561	95.571	26	7.81
573	SIX	587	0.019	584	99.489	3	0.00
574	BLUE	585	0.019	568	97.094	17	12.50
575	FINISHED	585	0.019	507	86.667	78	40.00

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576	CRY	585	0.019	564	96.410	21	21.88
577	WINDOW	583	0.019	549	94.168	34	18.18
578	BROWN	581	0.019	560	96.386	21	6.25
579	SCREAMED	580	0.019	426	73.448	154	33.33
580	LIKES	580	0.019	556	95.862	24	11.11
581	HOURS	576	0.019	539	93.576	37	50.00
582	BECAME	575	0.019	543	94.435	32	50.00
583	ALONG	573	0.019	535	93.368	38	11.11
584	LATE	573	0.019	559	97.557	14	18.18
585	BROKEN	571	0.019	465	81.436	106	47.56
586	SURPRISE	570	0.019	319	55.965	251	100.00
587	STUFF	570	0.019	487	85.439	83	83.33
588	BRING	568	0.018	526	92.606	42	9.09
589	PICK	565	0.018	542	95.929	23	15.38
590	MUST	564	0.018	550	97.518	14	11.54
591	BASKET	564	0.018	492	87.234	72	37.62
592	BELIEVE	563	0.018	319	56.661	244	100.00
593	TEACHING	556	0.018	546	98.201	10	25.00
594	FISHING	556	0.018	520	93.525	36	7.34
595	LEARN	554	0.018	511	92.238	43	50.00
596	TURNS	552	0.018	521	94.384	31	20.00
597	SET	552	0.018	535	96.920	17	0.00
598	PLANT	549	0.018	523	95.264	26	15.38
599	IDEA	549	0.018	486	88.525	63	16.67
600	NOBODY	549	0.018	467	85.064	82	83.33
601	STANDING	548	0.018	507	92.518	41	22.22
602	HOLDING	547	0.018	505	92.322	42	21.57
603	MIDDLE	546	0.018	488	89.377	58	50.00
604	AGAINST	542	0.018	354	65.314	188	75.00
605	ALREADY	540	0.018	429	79.444	111	33.33
606	HI	535	0.017	512	95.701	23	7.14
607	REASON	535	0.017	486	90.841	49	0.00
608	CROWD	533	0.017	437	81.989	96	50.00
609	STRANGE	533	0.017	424	79.550	109	0.00
610	THOUGH	531	0.017	476	89.642	55	100.00
611	SKATE	530	0.017	510	96.226	20	0.00
612	STUDYING	529	0.017	330	62.382	199	0.00
613	MYSELF	528	0.017	379	71.780	149	0.00
614	TALKED	526	0.017	507	96.388	19	37.50
615	STUCK	526	0.017	488	92.776	38	0.00
616	HEY	525	0.017	419	79.810	106	25.00
617	MR	524	0.017	524	100.000	0	0.00
618	WISH	524	0.017	496	94.656	28	0.00
619	PULLED	523	0.017	495	94.646	28	0.00
620	HAPPILY	523	0.017	294	56.214	229	77.78
621	BREAK	523	0.017	384	73.423	139	100.00
622	JACK	521	0.017	521	100.000	0	0.00
623	BOUGHT	518	0.017	406	78.378	112	62.50
624	BOY'S	517	0.017	205	39.652	312	49.09
625	LADY	514	0.017	485	94.358	29	13.95
626	SATURDAY	514	0.017	436	84.825	78	33.33
627	PITCH	513	0.017	399	77.778	114	48.57
628	SWINGS	512	0.017	465	90.820	47	15.79

Rank	Root Word	Attempts	Attempt Percent	Correct Number	Correct Percent	Error Number	Error Percent
629	PRESENT	511	0.017	426	83.366	85	50.00
630	TEACHERS	509	0.017	458	89.980	51	20.00
631	BOOKS	508	0.016	493	97.047	15	0.00
632	PRACTICE	508	0.016	380	74.803	128	35.29
633	EXCITED	508	0.016	409	80.512	99	0.00
634	LAUGH	507	0.016	431	85.010	76	33.33
635	OWN	505	0.016	461	91.287	44	40.00
636	DINNER	503	0.016	462	91.849	41	36.36
637	FINE	501	0.016	483	96.407	18	36.84
638	LAW	501	0.016	499	99.601	2	0.00
639	SCREAMING	500	0.016	416	83.200	84	20.00
640	OKAY	497	0.016	445	89.537	52	84.62
641	AGO	496	0.016	479	96.573	17	10.98
642	CANDY	496	0.016	482	97.177	14	0.00
643	SAFE	495	0.016	461	93.131	34	22.22
644	TAKES	495	0.016	481	97.172	14	16.67
645	AFTERNOON	494	0.016	438	88.664	56	28.57
646	RODE	494	0.016	428	86.640	66	33.33
647	WITHOUT	493	0.016	380	77.079	113	20.00
648	POPPING	493	0.016	321	65.112	172	100.00
649	TAKING	492	0.016	447	90.854	45	18.75
650	HEAR	492	0.016	368	74.797	124	0.00
651	REPLIED	491	0.016	445	90.631	46	15.00
652	FENCE	490	0.016	420	85.714	70	44.44
653	ANYMORE	489	0.016	307	62.781	182	33.33
654	TIED	488	0.016	414	84.836	74	0.00
655	HAMBURGERS	488	0.016	379	77.664	109	90.00
656	INSTEAD	487	0.016	369	75.770	118	83.33
657	CLOWN	486	0.016	459	94.444	27	7.69
658	TABLE	486	0.016	466	95.885	20	22.22
659	NOISE	486	0.016	420	86.420	66	25.00
660	USE	486	0.016	462	95.062	24	13.64
661	HUGE	485	0.016	461	95.052	24	13.33
662	DIED	484	0.016	418	86.364	66	47.62
663	NOSE	483	0.016	445	92.133	38	12.50
664	PASSED	482	0.016	342	70.954	140	50.00
665	MERRY-GO-ROUND	482	0.016	136	28.216	346	72.40
666	PANTS	482	0.016	366	75.934	116	44.44
667	TELLING	481	0.016	470	97.713	11	12.50
668	FEET	481	0.016	464	96.466	17	9.09
669	OTHERS	480	0.016	455	94.792	25	0.00
670	WANTS	478	0.016	419	87.657	59	25.00
671	SWIM	477	0.015	452	94.759	25	0.00
672	CLOCK	477	0.015	462	96.855	15	0.00
673	ISLAND	476	0.015	320	67.227	156	36.23
674	HANDS	474	0.015	455	95.992	19	0.00
675	SECONDS	473	0.015	433	91.543	40	0.00
676	TAIL	471	0.015	383	81.316	88	0.00
677	LIFEGUARD	470	0.015	195	41.489	275	58.46
678	ANYWAY	470	0.015	338	71.915	132	40.70
679	TOYS	469	0.015	452	96.375	17	0.00
680	ISN'T	466	0.015	396	84.979	70	28.57
681	DARK	466	0.015	453	97.210	13	15.38

Rank	Root Word	Attempts	Attempt Percent	Correct Number	Correct Percent	Error Number	Error Percent
682	HAT	465	0.015	458	98.495	7	0.00
683	COUNT	464	0.015	419	90.302	45	0.00
684	UPSET	463	0.015	427	92.225	36	27.78
685	ROW	462	0.015	430	93.074	32	12.20
686	COUPLE	461	0.015	411	89.154	50	42.86
687	MINUTE	461	0.015	352	76.356	109	66.67
688	BIT	459	0.015	429	93.464	30	4.00
689	LIGHT	458	0.015	443	96.725	15	0.00
690	DR	455	0.015	455	100.000	0	0.00
691	FRIDAY	454	0.015	443	97.577	11	0.00
692	FLOOR	454	0.015	432	95.154	22	0.00
693	BUY	454	0.015	364	80.176	90	0.00
694	STREET	453	0.015	432	95.364	21	4.76
695	LEARNED	451	0.015	396	87.805	55	33.33
696	ELEPHANT	449	0.015	226	50.334	223	63.64
697	TREES	449	0.015	425	94.655	24	0.00
698	RINK	448	0.015	412	91.964	36	0.00
699	MOVE	447	0.015	434	97.092	13	8.33
700	THROWS	446	0.014	312	69.955	134	59.38
701	PITCHED	446	0.014	292	65.471	154	67.57
702	BEAT	446	0.014	380	85.202	66	20.00
703	STORE	446	0.014	423	94.843	23	10.00
704	PRINCIPAL'S	445	0.014	142	31.910	303	87.50
705	CREAM	443	0.014	402	90.745	41	30.77
706	JUMPING	443	0.014	400	90.293	43	16.13
707	BEAUTIFUL	441	0.014	284	64.399	157	68.67
708	KILLED	440	0.014	408	92.727	32	100.00
709	MET	440	0.014	410	93.182	30	0.00
710	MATH	439	0.014	436	99.317	3	0.00
711	SUPPOSED	438	0.014	274	62.557	164	100.00
712	SEAT BELT	437	0.014	0	0.000	437	100.00
713	HIMSELF	436	0.014	277	63.532	159	56.00
714	LOVED	435	0.014	432	99.310	3	0.00
715	QUICKLY	434	0.014	388	89.401	46	40.00
716	ANIMALS	433	0.014	360	83.141	73	31.09
717	EITHER	432	0.014	355	82.176	77	50.98
718	RING	431	0.014	430	99.768	1	0.00
719	CRIED	431	0.014	357	82.831	74	35.48
720	THINKING	431	0.014	407	94.432	24	50.00
721	TILL	430	0.014	369	85.814	61	0.00
722	STARTS	429	0.014	408	95.105	21	100.00
723	CLOSE	429	0.014	407	94.872	22	25.00
724	PLAYERS	427	0.014	410	96.019	17	15.38
725	SHOES	424	0.014	373	87.972	51	25.00
726	TRIP	421	0.014	409	97.150	12	12.50
727	HERSELF	420	0.014	291	69.286	129	60.00
728	POLICE	420	0.014	371	88.333	49	0.00
729	ACCIDENT	419	0.014	287	68.496	132	70.00
730	PHONE	419	0.014	386	92.124	33	23.64
731	ROCKS	417	0.014	392	94.005	25	0.00
732	ITS	417	0.014	235	56.355	182	50.00
733	SAVE	416	0.014	403	96.875	13	0.00
734	GRABBED	416	0.014	257	61.779	159	50.00

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735	WEREN'T	413	0.013	289	69.976	124	100.00
736	SURPRISED	413	0.013	212	51.332	201	80.00
737	COURSE	410	0.013	313	76.341	97	66.67
738	SHOWED	408	0.013	374	91.667	34	33.33
739	CHALKBOARD	408	0.013	232	56.863	176	100.00
740	FORGOT	404	0.013	341	84.406	63	50.00
741	PROUD	401	0.013	369	92.020	32	12.50
742	RUSHED	400	0.013	373	93.250	27	14.89
743	TELLS	400	0.013	385	96.250	15	0.00
744	CHILD	399	0.013	389	97.494	10	13.33
745	HOLE	399	0.013	356	89.223	43	42.86
746	REMEMBER	398	0.013	315	79.146	83	60.00
747	LOSE	398	0.013	279	70.101	119	62.50
748	PIN	396	0.013	381	96.212	15	0.00
749	INVITED	396	0.013	336	84.848	60	0.00
750	SOMEBODY	395	0.013	299	75.696	96	39.47
751	FAVORITE	395	0.013	296	74.937	99	20.00
752	STAND	394	0.013	372	94.416	22	0.00
753	TEAMS	392	0.013	364	92.857	28	20.00
754	WOODS	391	0.013	379	96.931	12	0.00
755	FOOT	390	0.013	385	98.718	5	2.86
756	SCIENCE	389	0.013	336	86.375	53	29.41
757	GREEN	387	0.013	383	98.966	4	7.14
758	FLEW	385	0.012	343	89.091	42	40.00
759	MATTER	385	0.012	333	86.494	52	35.29
760	PART	382	0.012	378	98.953	4	0.00
761	TEETER-TOTTER	378	0.012	13	3.439	365	96.61
762	ANGRY	378	0.012	321	84.921	57	38.33
763	ANYONE	378	0.012	309	81.746	69	33.33
764	RULES	377	0.012	355	94.164	22	50.00
765	PUPPY	376	0.012	345	91.755	31	0.00
766	I'VE	375	0.012	331	88.267	44	50.00
767	ANSWERED	375	0.012	258	68.800	117	100.00
768	STRAIGHT	375	0.012	237	63.200	138	60.00
769	BYE	375	0.012	177	47.200	198	96.55
770	SUB	374	0.012	371	99.198	3	25.00
771	PROBLEM	373	0.012	313	83.914	60	50.00
772	WE'LL	373	0.012	251	67.292	122	63.64
773	FOOLING	372	0.012	337	90.591	35	25.00
774	DIE	372	0.012	342	91.935	30	24.00
775	SUCH	371	0.012	361	97.305	10	0.00
776	BORING	370	0.012	317	85.676	53	16.67
777	ASLEEP	369	0.012	299	81.030	70	44.44
778	BET	368	0.012	340	92.391	28	25.00
779	THANKS	368	0.012	340	92.391	28	50.00
780	HELPED	367	0.012	357	97.275	10	25.00
781	SHORE	366	0.012	352	96.175	14	29.17
782	ACROSS	364	0.012	307	84.341	57	37.50
783	STONE	364	0.012	360	98.901	4	0.00
784	TRUCK	362	0.012	345	95.304	17	40.00
785	ABLE	361	0.012	348	96.399	13	50.00
786	GUY	360	0.012	338	93.889	22	0.00
787	SON	360	0.012	345	95.833	15	7.35

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788	AHEAD	357	0.012	311	87.115	46	66.67
789	BIGGER	354	0.011	300	84.746	54	50.00
790	STAR	353	0.011	341	96.601	12	0.00
791	OCEAN	352	0.011	314	89.205	38	39.44
792	BASES	351	0.011	307	87.464	44	13.04
793	WROTE	350	0.011	321	91.714	29	66.67
794	WORKING	349	0.011	347	99.427	2	0.00
795	SEND	348	0.011	337	96.839	11	0.00
796	USED	347	0.011	329	94.813	18	16.00
797	GRASS	346	0.011	330	95.376	16	27.78
798	EYE	346	0.011	342	98.844	4	0.00
799	GIFTS	346	0.011	314	90.751	32	13.07
800	STEAK	345	0.011	308	89.275	37	40.00
801	MEET	345	0.011	318	92.174	27	50.00
802	CAST	343	0.011	300	87.464	43	12.35
803	SEES	341	0.011	274	80.352	67	14.29
804	TOWN	340	0.011	333	97.941	7	0.00
805	AMBULANCE	339	0.011	195	57.522	144	75.00
806	MOVED	339	0.011	328	96.755	11	0.00
807	FINISH	338	0.011	286	84.615	52	25.00
808	FLY	338	0.011	316	93.491	22	0.00
809	TALL	338	0.011	325	96.154	13	50.00
810	CLEAN	337	0.011	316	93.769	21	50.00
811	USUALLY	336	0.011	231	68.750	105	73.53
812	MOUSE	336	0.011	310	92.262	26	0.00
813	COLD	336	0.011	328	97.619	8	9.09
814	THROWING	334	0.011	257	76.946	77	33.33
815	EARLY	333	0.011	309	92.793	24	25.00
816	AFRAID	333	0.011	243	72.973	90	60.00
817	FEELING	331	0.011	277	83.686	54	37.50
818	O'CLOCK	331	0.011	221	66.767	110	66.67
819	CHANCE	331	0.011	304	91.843	27	0.00
820	BREAKFAST	330	0.011	259	78.485	71	71.43
821	LINE	330	0.011	327	99.091	3	0.00
822	SHINY	329	0.011	220	66.869	109	33.33
823	FLYING	329	0.011	290	88.146	39	16.67
824	STUDY	328	0.011	314	95.732	14	50.00
825	CLOSER	328	0.011	313	95.427	15	0.00
826	LAND	328	0.011	325	99.085	3	0.00
827	WATCHED	327	0.011	288	88.073	39	0.00
828	TEACHER'S	326	0.011	119	36.503	207	77.78
829	SPOT	325	0.011	323	99.385	2	0.00
830	KNOWS	325	0.011	280	86.154	45	0.00
831	RADIO	325	0.011	293	90.154	32	37.70
832	MONTH	323	0.010	254	78.638	69	44.44
833	ROAD	323	0.010	282	87.307	41	20.00
834	SITS	322	0.010	297	92.236	25	0.00
835	YEAH	322	0.010	143	44.410	179	100.00
836	MONDAY	322	0.010	314	97.516	8	20.00
837	YELL	321	0.010	318	99.065	3	0.00
838	SHOUTED	320	0.010	307	95.938	13	25.00
839	SHARP	320	0.010	301	94.063	19	0.00
840	AREN'T	319	0.010	242	75.862	77	100.00

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841	SCORED	319	0.010	290	90.909	29	60.00
842	BORED	319	0.010	211	66.144	108	100.00
843	GUYS	319	0.010	266	83.386	53	31.51
844	WAITED	318	0.010	266	83.648	52	62.50
845	STOOD	317	0.010	271	85.489	46	0.00
846	O	317	0.010	317	100.000	0	0.00
847	DEAD	316	0.010	281	88.924	35	85.71
848	DROPPED	316	0.010	193	61.076	123	100.00
849	CHAIR	316	0.010	301	95.253	15	0.00
850	FORGET	315	0.010	295	93.651	20	25.00
851	LIVES	314	0.010	286	91.083	28	9.72
852	HURRY	314	0.010	270	85.987	44	29.03
853	GIVING	313	0.010	289	92.332	24	50.00
854	DUCK	313	0.010	290	92.652	23	10.34
855	HITTING	312	0.010	225	72.115	87	47.37
856	PET	312	0.010	307	98.397	5	16.67
857	TIGERS	311	0.010	296	95.177	15	0.00
858	MISSES	311	0.010	274	88.103	37	27.78
859	NOTE	309	0.010	296	95.793	13	0.00
860	DOGS	308	0.010	296	96.104	12	8.33
861	PEN	307	0.010	299	97.394	8	25.00
862	MIND	307	0.010	291	94.788	16	0.00
863	DRINK	306	0.010	287	93.791	19	16.67
864	PLACES	306	0.010	283	92.484	23	60.00
865	ARRIVED	305	0.010	249	81.639	56	100.00
866	COOK	305	0.010	303	99.344	2	0.00
867	KILL	305	0.010	291	95.410	14	8.74
868	DOLLARS	305	0.010	237	77.705	68	39.81
869	SPIT	305	0.010	299	98.033	6	0.00
870	PLATE	304	0.010	277	91.118	27	7.14
871	NOTICED	304	0.010	280	92.105	24	100.00
872	MONKEY	304	0.010	251	82.566	53	66.67
873	HUNGRY	303	0.010	223	73.597	80	50.00
874	SWUNG	303	0.010	208	68.647	95	60.00
875	MOTORCYCLE	303	0.010	216	71.287	87	0.00
876	LAKE	302	0.010	298	98.675	4	0.00
877	NINE	302	0.010	296	98.013	6	0.00
878	CHEERED	301	0.010	241	80.066	60	50.00
879	AWHILE	301	0.010	205	68.106	96	66.67
880	TOY	301	0.010	301	100.000	0	0.00
881	UNDERSTAND	301	0.010	262	87.043	39	22.73
882	TOWARD	298	0.010	236	79.195	62	60.00
883	ACT	297	0.010	286	96.296	11	0.00
884	FREE	296	0.010	293	98.986	3	4.35
885	MONTHS	295	0.010	237	80.339	58	16.67
886	NEAR	294	0.010	273	92.857	21	25.00
887	AUNT	294	0.010	252	85.714	42	25.44
888	ANSWER	294	0.010	252	85.714	42	100.00
889	POOL	293	0.010	288	98.294	5	0.00
890	ADVANTAGE	292	0.009	267	91.438	25	100.00
891	OUTS	292	0.009	275	94.178	17	30.00
892	MONSTER	290	0.009	227	78.276	63	16.92
893	SUSPENDED	290	0.009	220	75.862	70	61.90

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894	EVERYWHERE	290	0.009	155	53.448	135	100.00
895	REPORT	289	0.009	285	98.616	4	0.00
896	TEETH	289	0.009	268	92.734	21	0.00
897	YOUNG	289	0.009	271	93.772	18	0.00
898	FOOTBALL	288	0.009	258	89.583	30	16.67
899	ONES	288	0.009	256	88.889	32	0.00
900	CORNER	288	0.009	255	88.542	33	0.00
901	FULL	288	0.009	268	93.056	20	66.67
902	STRUCK	287	0.009	156	54.355	131	85.71
903	WINDSHIELD	287	0.009	127	44.251	160	100.00
904	YET	287	0.009	281	97.909	6	0.00
905	SUIT	287	0.009	234	81.533	53	0.00
906	GRILL	286	0.009	278	97.203	8	0.00
907	STRIKES	286	0.009	207	72.378	79	30.77
908	LEAST	286	0.009	256	89.510	30	100.00
909	BOTTOM	285	0.009	226	79.298	59	66.67
910	PERIOD	285	0.009	260	91.228	25	50.00
911	BUS	284	0.009	281	98.944	3	0.00
912	VOICE	284	0.009	249	87.676	35	0.00
913	DRIVE	284	0.009	279	98.239	5	0.00
914	CHASING	284	0.009	212	74.648	72	61.90
915	BALLS	284	0.009	275	96.831	9	0.00
916	BIGGEST	283	0.009	238	84.099	45	0.00
917	DRIVING	283	0.009	256	90.459	27	0.00
918	PARACHUTE	283	0.009	167	59.011	116	100.00
919	YARD	283	0.009	270	95.406	13	10.00
920	ANIMAL	282	0.009	241	85.461	41	0.00
921	INNING	282	0.009	184	65.248	98	30.00
922	QUARTER	282	0.009	229	81.206	53	60.00
923	STICK	281	0.009	255	90.747	26	0.00
924	NEEDED	281	0.009	268	95.374	13	9.09
925	PUSHED	281	0.009	261	92.883	20	11.11
926	PINK	280	0.009	274	97.857	6	50.00
927	SAVED	280	0.009	273	97.500	7	16.67
928	BATTING	279	0.009	197	70.609	82	36.84
929	DOLL	279	0.009	272	97.491	7	50.00
930	POPS	278	0.009	259	93.165	19	50.00
931	SWAM	277	0.009	260	93.863	17	20.69
932	LOVES	276	0.009	263	95.290	13	50.00
933	ALRIGHT	276	0.009	274	99.275	2	2.67
934	CHAMPIONSHIP	274	0.009	182	66.423	92	0.00
935	GIVES	273	0.009	268	98.168	5	0.00
936	PIZZA	273	0.009	261	95.604	12	0.00
937	COOKING	273	0.009	266	97.436	7	50.00
938	CONTEST	272	0.009	267	98.162	5	6.25
939	NECK	272	0.009	239	87.868	33	7.69
940	DRESS	272	0.009	258	94.853	14	0.00
941	NERVOUS	271	0.009	176	64.945	95	100.00
942	COUSIN	271	0.009	220	81.181	51	100.00
943	FIGHTING	270	0.009	246	91.111	24	0.00
944	DEEP	269	0.009	250	92.937	19	28.57
945	TRIES	269	0.009	183	68.030	86	0.00
946	MINE	269	0.009	243	90.335	26	20.99

Rank	Root Word	Attempts	Attempt Percent	Correct Number	Correct Percent	Error Number	Error Percent
947	PASS	268	0.009	248	92.537	20	0.00
948	CAVEMEN	268	0.009	255	95.149	13	66.67
949	WRECK	267	0.009	165	61.798	102	90.91
950	WONDERFUL	267	0.009	226	84.644	41	0.00
951	DREAM	266	0.009	235	88.346	31	0.00
952	NUMBER	266	0.009	242	90.977	24	16.67
953	TRUE	266	0.009	246	92.481	20	100.00
954	DINOSAUR	265	0.009	93	35.094	172	80.12
955	ALONE	265	0.009	234	88.302	31	0.00
956	BESIDE	265	0.009	244	92.075	21	33.33
957	LANDED	264	0.009	239	90.530	25	0.00
958	LEAD	263	0.009	237	90.114	26	100.00
959	EIGHT	263	0.009	253	96.198	10	0.00
960	BUSHES	262	0.009	233	88.931	29	0.00
961	WILD	262	0.009	256	97.710	6	0.00
962	SHOOT	262	0.009	227	86.641	35	32.00
963	JOB	261	0.008	252	96.552	9	25.00
964	GUN	260	0.008	250	96.154	10	66.67
965	PUNISHMENT	260	0.008	231	88.846	29	81.82
966	TIE	259	0.008	245	94.595	14	14.29
967	YELLOW	259	0.008	246	94.981	13	0.00
968	ONTO	258	0.008	176	68.217	82	33.33
969	UMPIRE	258	0.008	129	50.000	129	68.42
970	HAPPENING	258	0.008	212	82.171	46	14.29
971	CAVE MEN	258	0.008	1	0.388	257	99.61
972	SEEMED	258	0.008	244	94.574	14	0.00
973	CARS	257	0.008	247	96.109	10	0.00
974	THEMSELVES	257	0.008	142	55.253	115	77.08
975	BLOWS	257	0.008	243	94.553	14	6.52
976	BATHROOM	257	0.008	231	89.883	26	0.00
977	BENCH	256	0.008	239	93.359	17	0.00
978	SKY	256	0.008	239	93.359	17	41.67
979	SHORT	254	0.008	230	90.551	24	25.00
980	REGULAR	254	0.008	225	88.583	29	0.00
981	STARTING	254	0.008	239	94.094	15	0.00
982	SKATES	253	0.008	236	93.281	17	25.00
983	GIRLFRIEND	252	0.008	197	78.175	55	61.54
984	WIFE	251	0.008	246	98.008	5	50.00
985	CALLING	251	0.008	244	97.211	7	28.57
986	SUPPOSE	251	0.008	176	70.120	75	100.00
987	CUTE	250	0.008	235	94.000	15	20.00
988	WEIRD	249	0.008	139	55.823	110	55.93
989	KELLY	249	0.008	249	100.000	0	0.00
990	SCREAM	249	0.008	192	77.108	57	48.89
991	DROVE	249	0.008	237	95.181	12	0.00
992	GOTTEN	249	0.008	211	84.739	38	100.00
993	WINDOWS	248	0.008	232	93.548	16	6.45
994	LARGE	248	0.008	242	97.581	6	6.82
995	SOUND	248	0.008	241	97.177	7	0.00
996	ALLOWED	248	0.008	141	56.855	107	77.42
997	LEGS	247	0.008	232	93.927	15	14.29
998	LIVING	247	0.008	230	93.117	17	0.00
999	SEVEN	247	0.008	241	97.571	6	0.00

Rank	Root Word	Attempts	Attempt Percent	Correct Number	Correct Percent	Error Number	Error Percent
1000	SUPPER	246	0.008	210	85.366	36	18.18
		2825174	91.702			138981	

2825174	91.702	2686193	138981	

APPENDIX B

Most often Misspelled words (occuring in at least 4 grades)
** In parentheses beside each rootword is the category assigned.*

ROOTWORD	# ATTEMPTS	% CORRECT	ERRORWORD	ERROR #
Frequently misspelled words at 7 grade levels:				
probably *(Orthography: other)*				
Grade 2	29	3.45	probebly	28
Grade 3	251	15.54	probly	212
Grade 4	64	15.63	probly	54
Grade 5	75	34.67	probly	49
Grade 6	645	61.55	probly	248
Grade 7	285	60.70	probly	112
Grade 8	260	65.77	probly	89
it's *(Contractions)*				
Grade 2	69	52.17	its	33
Grade 3	1039	66.60	its	347
Grade 4	248	54.03	its	114
Grade 5	141	59.57	its	57
Grade 6	792	66.16	its	268
Grade 7	362	54 97	its	163
Grade 8	256	59.38	its	104
that's *(Contractions)*				
Grade 2	38	34.21	thats	25
Grade 3	564	41.13	thats	332
Grade 4	121	37.19	thats	76
Grade 5	107	39.25	thats	65
Grade 6	587	50.43	thats	291
Grade 7	261	47.13	thats	138
Grade 8	174	61.49	thats	67
let's *(Contractions)*				
Grade 2	49	38.79	lets	30
Grade 3	869	37.17	lets	546
Grade 4	192	31.25	lets	132
Grade 5	61	57.38	lets	26
Grade 6	430	41.86	lets	250
Grade 7	82	51.22	lets	40
Grade 8	50	36.00	lets	32

APPENDIX B

ROOTWORD NUMBER	# ATTEMPTS	% CORRECT	ERRORWORD	ERROR
there's *(Contractions)*				
Grade 2	16	56.25	theres	7
Grade 3	168	35.71	theres	108
Grade 4	98	45.92	theres	53
Grade 5	50	38.00	theres	31
Grade 6	167	63.47	theres	61
Grade 7	81	53.09	theres	38
Grade 8	49	59.18	theres	20
too *(Homophones)*				
Grade 2	1	100	--	1
Grade 3	2100	35.67	to	1351
Grade 4	571	31.35	to	392
Grade 5	210	39.52	to	127
Grade 6	1317	44.80	to	727
Grade 7	429	47.09	to	227
Grade 8	416	51.44	to	202
they're *(Homophones)*				
Grade 2	24	29.17	there	17
Grade 3	373	8.31	there	342
Grade 4	44	6.82	there	41
Grade 5	52	11.54	there	46
Grade 6	338	26.33	there	249
Grade 7	159	23.27	their	122
Grade 8	71	19.72	their	57
boy's *(Possessives)*				
Grade 2	55	50.91	boys	27
Grade 3	214	36.45	boys	136
Grade 4	70	35.71	boys	45
Grade 5	16	68.75	boys	5
Grade 6	120	40.00	boys	72
Grade 7	16	43.75	boys	9
Grade 8	26	30.77	boys	18
you're *(Homophones)*				
Grade 2	36	2.78	your	35
Grade 3	349	8.60	your	319
Grade 4	110	14.55	your	94
Grade 5	53	15.09	your	45
Grade 6	406	21.67	your	318
Grade 7	284	21.83	your	222
Grade 8	63	20.63	your	50

APPENDIX B

ROOTWORD NUMBER	# ATTEMPTS	% CORRECT	ERRORWORD	ERROR
girl's *(Possessives)*				
Grade 2	33	30.30	girls	3
Grade 3	195	34.87	girls	127
Grade 4	29	24.14	girls	22
Grade 5	41	26.83	girls	30
Grade 6	266	28.95	girls	189
Grade 7	64	32.81	girls	43
Grade 8	63	20.63	girls	50
what's *(Contractions)*				
Grade 2	24	45.83	whats	13
Grade 3	207	42.51	whats	119
Grade 4	91	37.36	whats	57
Grade 5	38	47.37	whats	20
Grade 6	223	58.74	whats	92
Grade 7	64	48.44	whats	33
Grade 8	51	49.02	whats	26

Frequently misspelled words at 6 grade levels:

principal *(Homophones)*				
Grade 2	--	--	--	
Grade 3	61	14.75	princable	52
Grade 4	72	22.22	princeable	56
Grade 5	103	35.92	principle	66
Grade 6	871	54.31	principle	398
Grade 7	202	65.84	principle	69
Grade 8	130	58.46	principle	54
their *(Homophones)*				
Grade 2	221	21.27	there	174
Grade 3	2854	36.30	there	1818
Grade 4	505	37.43	there	316
Grade 5	447	43.62	there	252
Grade 6	3938	67.80	there	1268
Grade 7	842	60.10	there	336
Grade 8	643	77.76	there	143

APPENDIX B

ROOTWORD NUMBER	# ATTEMPTS	% CORRECT	ERRORWORD	ERROR
yeah *(Vowels)*				
Grade 2	9	00.0	ye	9
Grade 3	76	28.95	ya	54
Grade 4	23	26.09	ya	17
Grade 5	25	36.00	ya	16
Grade 6	14	55.56	ya	64
Grade 7	28	64.29	ya	10
Grade 8	17	47.06	ya	9
friend's *(Possessives)*				
Grade 2	02	50.00	frinnds	1
Grade 3	60	21.67	friends	47
Grade 4	18	16.67	friends	15
Grade 5	12	00.00	friends	12
Grade 6	49	22.45	friends	38
Grade 7	9	33.33	friends	6
Grade 8	32	21.88	friends	25
surprise *(Vowels)*				
Grade 2	4	00.00	surprize	4
Grade 3	194	39.18	suprise	118
Grade 4	20	65.00	surprize	7
Grade 5	13	53.85	supprise	6
Grade 6	272	69.12	suprise	84
Grade 7	9	44.44	suprise	5
Grade 8	58	53.45	suprise	27
tomorrow *(Consonants)*				
Grade 2	29	24.14	tomorow	22
Grade 3	199	37.19	tomorow	125
Grade 4	66	39.39	tommorow	40
Grade 5	31	61.29	tommorrow	12
Grade 6	254	55.12	tommorow	114
Grade 7	38	36.84	tommorrow	24
Grade 8	27	70.37	tommorrow	8
we're *(Contractions)*				
Grade 2	7	14.29	were	1
Grade 3	210	29.05	were	149
Grade 4	48	22.92	were	37
Grade 5	34	41.18	were	20
Grade 6	214	41.12	were	126
Grade 7	53	28.30	were	38
Grade 8	32	50.00	were	16

APPENDIX B

ROOTWORD NUMBER	# ATTEMPTS	% CORRECT	ERRORWORD	ERROR
its *(Possessives)*				
Grade 2	4	50.00	it's	2
Grade 3	132	52.27	it's	63
Grade 4	104	49.04	it's	53
Grade 5	18	50.00	it's	9
Grade 6	75	69.33	it's	23
Grade 7	53	58.49	it's	22
Grade 8	31	67.74	it's	10
surprised *(Vowels)*				
Grade 2	5	20.00	siprized	1
Grade 3	111	44.14	suprised	62
Grade 4	29	51.72	suprised	14
Grade 5	6	16.67	suprised	5
Grade 6	205	55.12	suprised	92
Grade 7	16	56.25	suprised	7
Grade 8	41	58.54	suprised	17
a lot *(Compounds)*				
Grade 2	8	00.00	alot	8
Grade 3	347	00.29	alot	346
Grade 4	43	00.00	alot	43
Grade 5	41	00.00	alot	41
Grade 6	283	00.00	alot	283
Grade 7	162	00.00	alot	162
Grade 8	208	00.00	alot	208

Frequently misspelled words at 5 grade levels:

everybody *(Compounds)*				
Grade 2	29	24.14	every body	22
Grade 3	662	50.45	every body	328
Grade 4	114	52.63	every body	54
Grade 5	108	64.81	every body	38
Grade 7	125	67.20	every body	41
doesn't *(Vowels)*				
Grade 2	16	62.50	desen't	6
Grade 3	172	50.58	dosen't	85
Grade 4	38	65.79	dosen't	13
Grade 5	39	56.41	dosent	17
Grade 7	216	68.52	dosen't	68

APPENDIX B

ROOTWORD NUMBER	# ATTEMPTS	% CORRECT	ERRORWORD	ERROR
'cause *(Usage: other)*				
Grade 3	64	01.56	cause	63
Grade 4	32	03.13	cause	31
Grade 5	31	06.45	cause	29
Grade 7	113	02.65	cause	110
Grade 8	62	06.45	cause	58
won't *(Contractions)*				
Grade 2	23	47.83	wont	12
Grade 3	250	69.20	wont	77
Grade 4	67	64.18	wont	24
Grade 5	68	64.71	wont	24
Grade 8	66	60.61	wont	26
popped *(Suffix)*				
Grade 3	85	45.88	poped	46
Grade 4	32	34.38	poped	21
Grade 5	164	64.63	poped	58
Grade 6	1098	63.39	poped	402
Grade 7	146	60.96	poped	57
straight *(Homophones)*				
Grade 3	75	53.33	strait	35
Grade 4	31	54.84	stright	14
Grade 5	14	64.29	strait	5
Grade 6	169	62.72	strait	63
Grade 7	35	65.71	strait	12
where *(Homophones)*				
Grade 2	52	46.15	were	28
Grade 3	587	61.33	were	227
Grade 4	305	68.20	were	97
Grade 5	101	69.31	were	31
Grade 7	120	69.17	were	37
home run *(Compounds)*				
Grade 2	45	00.00	homerun	45
Grade 3	461	00.43	homerun	459
Grade 4	98	00.00	homerun	98
Grade 5	11	00.00	homerun	11
Grade 8	8	00.00	homerun	8

APPENDIX B

ROOTWORD NUMBER	# ATTEMPTS	% CORRECT	ERRORWORD	ERROR
Frequently misspelled words at 4 grade levels:				
anymore *(Compounds)*				
Grade 3	124	48.39	any more	64
Grade 4	38	44.74	any more	21
Grade 5	29	68.97	any more	9
Grade 6	203	68.47	any more	64
pitcher *(Consonants)*				
Grade 2	125	56.80	picher	54
Grade 3	1066	66.89	picher	353
Grade 4	269	66.54	picher	90
Grade 5	40	67.50	picher	13
caught *(Vowels)*				
Grade 2	78	33.33	cot	52
Grade 3	719	47.71	cought	376
Grade 4	180	57.22	cought	77
Grade 5	58	62.07	cought	22
happened *(Suffixes)*				
Grade 2	64	62.81	happend	43
Grade 3	321	46.73	happend	171
Grade 4	181	45.86	happend	98
Grade 5	52	69.23	happend	16
stitches *(Consonants)*				
Grade 2	69	33.33	stiches	46
Grade 3	69	27.54	stiches	50
Grade 4	85	29.41	stiches	60
Grade 6	17	47.06	stiches	9
myself *(Compounds)*				
Grade 3	123	55.28	my self	55
Grade 4	80	66.25	my self	27
Grade 5	22	68.18	my self	7
Grade 7	16	68.75	my self	5
maybe *(Vowels)*				
Grade 2	59	49.15	maby	30
Grade 3	295	65.76	mabe	101
Grade 4	52	67.31	mabe	17
Grade 5	59	67.80	maby	19

APPENDIX B

ROOTWORD NUMBER	# ATTEMPTS	% CORRECT	ERRORWORD	ERROR
clothes *(Homophones)*				
Grade 3	173	56.07	cloths	76
Grade 4	73	54.79	close	33
Grade 5	159	55.35	cloths	71
Grade 8	112	69.64	cloths	34
believe *(Vowels)*				
Grade 3	134	27.61	belive	97
Grade 4	56	30.36	belive	39
Grade 5	53	50.94	belive	26
Grade 6	175	68.57	belive	55
whatever *(Compounds)*				
Grade 5	7	28.57	what ever	5
Grade 6	63	63.49	what ever	23
Grade 7	24	62.50	what ever	9
Grade 8	23	43.48	what ever	10
ambulance *(Multiple)*				
Grade 2	24	25.00	abellence/amillines	6
Grade 3	92	36.96	ambulens	58
Grade 4	42	47.62	amblance	22
Grade 5	6	66.67	abulance	2
himself *(Compounds)*				
Grade 2	25	44.00	him self	14
Grade 3	121	41.32	him self	71
Grade 4	40	52.50	his self	19
Grade 5	10	70.00	hisself	3
remembered *(Orthography: other)*				
Grade 3	53	52.83	rememberd	25
Grade 4	20	35.00	rembered	13
Grade 6	69	69.57	rembered	21
Grade 7	8	62.50	rembered	3
field *(Vowels)*				
Grade 2	51	45.10	feild/fild	28
Grade 3	516	50.39	feild	256
Grade 4	151	66.89	feild	50
Grade 5	28	67.86	feild	9

APPENDIX B

ROOTWORD NUMBER	# ATTEMPTS	% CORRECT	ERRORWORD	ERROR
chalkboard *(Compounds)*				
Grade 5	43	41.86	chalk board	25
Grade 6	258	59.30	chalk board	105
Grade 7	58	55.17	chalk board	26
Grade 8	43	62.79	chalk board	16
popping *(Suffixes)*				
Grade 5	42	45.24	poping	23
Grade 6	351	68.95	poping	109
Grade 7	40	57.50	poping	17
Grade 8	54	62.96	poping	20
everyday *(Compounds)*				
Grade 5	10	40.00	every day	6
Grade 6	42	45.24	every day	23
Grade 7	25	64.00	every day	9
Grade 8	14	64.29	every day	5
here's *(Contractions)*				
Grade 3	57	43.86	heres	32
Grade 5	5	60.00	heres	2
Grade 6	36	58.33	heres	15
Grade 7	6	50.00	heres/hers/hese	3
struck *(Multiple)*				
Grade 2	14	14.29	struk/sturck	12
Grade 3	169	50.89	struk	83
Grade 4	67	53.73	striked	31
Grade 5	9	55.56	stroke	4
teacher's *(Possessives)*				
Grade 5	24	25.00	teachers	18
Grade 6	204	36.76	teachers	129
Grade 7	56	42.86	teachers	32
Grade 8	27	37.04	teachers	17
school's *(Possessives)*				
Grade 5	5	60.00	school/schools	2
Grade 6	33	36.36	schools	21
Grade 7	14	50.00	schools	7
Grade 8	7	42.86	schools	4

APPENDIX B

ROOTWORD NUMBER	# ATTEMPTS	% CORRECT	ERRORWORD	ERROR
principal's *(Possessives)*				
Grade 5	39	35.90	principals	25
Grade 6	314	32.17	principals	213
Grade 7	44	25.00	principals	33
Grade 8	34	41.18	prinicpals	20
hollering *(Vowels)*				
Grade 5	5	20.00	hollareing/holring	4
hollaring/horling				
Grade 6	19	57.89	hollowing	8
Grade 7	9	44.44	hollaring	5
Grade 8	9	66.67	holloring	3
paddling *(Suffixes)*				
Grade 5	19	47.37	paddeling	10
Grade 6	51	62.75	paddeling	19
Grade 7	13	69.23	paddleing	4
Grade 8	12	41.67	padling	7
jealous *(Vowels)*				
Grade 5	5	60.00	jelis/jelus	2
Grade 6	25	0.00	jelous	25
Grade 7	15	60.00	jealouse	6
Grade 8	12	41.67	jeolous	7
all right *(Compounds)*				
Grade 2	16	0.00	allright	16
Grade 4	19	0.00	allright	19
Grade 6	25	0.00	allright	25
Grade 7	7	0.00	allright	7
weird *(Vowels)*				
Grade 3	59	44.07	werd	33
Grade 5	106	56.60	wierd	46
Grade 6	52	69.23	wierd	16
Grade 8	13	61.54	werid	5
ma'am *(Usage: other)*				
Grade 5	16	0.00	mam	16
Grade 6	63	26.98	mam	46
Grade 7	7	28.57	mam	5
Grade 8	12	25.00	mam	9

APPENDIX B

ROOTWORD NUMBER	# ATTEMPTS	% CORRECT	ERRORWORD	ERROR
dropped *(Suffixes)*				
Grade 2	13	0.00	droped	13
Grade 3	91	43.96	droped	51
Grade 4	25	60.00	droped	10
Grade 8	13	69.23	droped	4
paid *(Usage: other)*				
Grade 5	15	53.33	payed	7
Grade 6	120	60.83	payed	47
Grade 7	17	47.06	payed	9
Grade 8	33	60.61	payed	13
everywhere *(Compounds)*				
Grade 3	77	35.06	every where	50
Grade 4	36	13.89	every where	31
Grade 6	118	69.49	every where	36
Grade 7	9	66.67	every where	3
rooting *(Vowels)*				
Grade 5	11	63.64	routing	4
Grade 6	21	42.86	routing	12
Grade 7	39	64.10	routing	14
Grade 8	23	56.52	routing	10
bye *(Homophones)*				
Grade 2	29	3.45	by	28
Grade 3	178	31.46	by	122
Grade 4	45	66.67	buy	15
Grade 6	80	67.50	by	26
yea *(Vowels)*				
Grade 2	11	45.45	yae	6
Grade 3	65	56.92	ya	28
Grade 5	13	61.54	yeh	5
Grade 7	9	33.33	ya	6
backyard *(Compounds)*				
Grade 3	75	40.00	back yard	23
Grade 4	26	65.38	back yard	9
Grade 6	81	54.32	back yard	37
Grade 8	8	37.50	back yard	5

APPENDIX B

ROOTWORD NUMBER	# ATTEMPTS	% CORRECT	ERRORWORD	ERROR
congratulated *(Consonants)*				
Grade 5	6	33.33	congradulated	2
Grade 6	16	18.75	congradulated	13
Grade 7	6	0.00	congradulated	6
Grade 8	5	40.00	congradulated	3
business *(Vowels)*				
Grade 5	11	45.45	buisness	6
Grade 6	51	41.18	buisness	30
Grade 7	9	44.44	bissness	5
Grade 8	13	69.23	buisness	4
upon *(Vowels)*				
Grade 2	33	54.55	apon	15
Grade 3	435	52.18	apon	208
Grade 4	84	47.62	apon	44
Grade 7	15	53.33	apon	7
themselves *(Compounds)*				
Grade 5	11	63.64	them selves	4
Grade 6	121	69.42	them selves	37
Grade 7	39	51.28	them selves	19
Grade 8	30	66.67	theirselves	10
team's *(Possessives)*				
Grade 5	9	44.44	teams	5
Grade 6	21	23.81	teams	16
Grade 7	18	44.44	teams	10
Grade 8	20	25.00	teams	15
blonde *(Usage: other)*				
Grade 5	7	14.29	blond	6
Grade 6	54	33.33	blond	36
Grade 7	12	41.67	blond	7
Grade 8	15	40.00	blond	9
losing *(Vowels)*				
Grade 3	72	61.11	loosing	28
Grade 5	122	57.38	loosing	52
Grade 6	165	66.06	loosing	56
Grade 7	173	59.54	loosing	70

APPENDIX B

ROOTWORD NUMBER	# ATTEMPTS	% CORRECT	ERRORWORD	ERROR
beginning *(Suffixes)*				
Grade 5	7	14.29	begining	6
Grade 6	74	52.70	begining	35
Grade 7	19	36.84	begining	12
Grade 8	25	32.00	begining	17
divorce *(Multiple)*				
Grade 5	13	38.46	divorice	8
Grade 6	11	63.64	divorse	4
Grade 7	6	50.00	divorice	3
Grade 8	17	64.71	diverce	6
we'll *(Contractions)*				
Grade 2	11	36.36	well	3
Grade 3	140	60.00	well	56
Grade 4	45	64.44	well	16
Grade 5	18	50.00	well	9
referee *(Vowels)*				
Grade 5	8	50.00	refeere	4
Grade 6	25	68.00	refere	8
Grade 7	28	60.71	refaree	11
Grade 8	19	68.42	refree	6
brother's *(Possessives)*				
Grade 5	6	33.33	brothers	2
Grade 6	31	19.35	brothers	25
Grade 7	10	50.00	brothers	
Grade 8	16	37.50	brothers	10
finally *(Suffixes)*				
Grade 2	18	27.78	finnally	13
Grade 3	471	39.49	finaly	285
Grade 4	183	46.45	finaly	98
Grade 5	82	67.07	finaly	27
inning *(Multiple)*				
Grade 3	64	62.80	ining	61
Grade 4	52	55.77	ending	23
Grade 5	19	68.42	ending	6
Grade 7	11	63.64	ining	4

APPENDIX B

ROOTWORD NUMBER	# ATTEMPTS	% CORRECT	ERRORWORD	ERROR
weren't *(Vowels)*				
Grade 3	56	64.29	wern't	20
Grade 4	20	70.00	wern't	6
Grade 5	28	57.14	wern't	12
Grade 6	212	69.81	wern't	64
embarrassed *(Multiple)*				
Grade 5	7	0.00	embarrased	7
Grade 6	69	10.14	embarassed	62
Grade 7	9	33.33	embarrased	3
Grade 8	22	22.73	embarassed	17
downstairs *(Compounds)*				
Grade 3	63	36.51	down stairs	40
Grade 5	5	20.00	down stairs	4
Grade 6	53	43.40	down stairs	30
Grade 8	16	43.75	down stairs	9

Appendix C

Grade 2 Spelling Word List

Rank	Cat.	Root word	Error word	Attempts	Attempt Percent	Error Number	Error Percent	Variants
1	VOW	DOCTOR	DOCTER	597	0.73	295	49.41	64
2	COM	BASEBALL	BASE BALL	508	0.62	193	37.99	29
3	VOW	HURT	HERT	361	0.44	133	36.84	28
4	HOM	MIGHT	MITE	232	0.28	73	31.47	12
5	HOM	THEIR	THERE	221	0.27	174	78.73	17
6	VOW	BECAUSE	BECOUSE	215	0.26	85	39.53	37
7	HOM	TOO	TO	210	0.26	147	70.00	3
8	SUF	RUNNING	RUNING	204	0.25	78	38.24	8
9	VOW	NURSE	NURS	193	0.24	71	36.79	34
10	VOW	AGAIN	AGEN	184	0.23	95	51.63	27
11	VOW	COULD	COOD	151	0.19	46	30.46	20
12	MUL	CATCH	CECH	150	0.18	48	32.00	21
13	HOM	RIGHT	RITE	134	0.16	44	32.84	14
14	MUL	BROKE	BROCK	126	0.15	50	39.68	19
15	C	PITCHER	PICHER	125	0.15	54	43.20	18
16	MV	CHILDREN	CILDREN	100	0.12	35	35.00	17
17	C	BETTER	BETER	97	0.12	39	40.21	13
18	HOM	THREW	THROUGH	88	0.11	38	43.18	18
19	HOM	KNOW	NO	87	0.11	36	41.38	7
20	SUF	TRYING	TRING	86	0.11	42	48.84	12
21	HOM	MISSED	MIST	86	0.11	52	60.47	9
22	C	BROKEN	BOKEN	82	0.10	39	47.56	21
23	HOM	CAUGHT	COT	78	0.10	52	66.67	17
24	MV	DIDN'T	DIDNT	75	0.09	23	30.67	14
25	C	CATCHER	CACHER	72	0.09	22	30.56	12
26	MUL	SECOND	SECENT	71	0.09	24	33.80	15
27	C	BATTER	BATER	69	0.08	34	49.28	6
28	CON	IT'S	ITS	69	0.08	33	47.83	2
29	C	STITCHES	STICHES	69	0.08	46	66.67	16
30	MUL	PEOPLE	PELOPE	69	0.08	27	39.13	18
31	VOW	FRIENDS	FREINDS	67	0.08	27	40.30	9
32	VOW	READY	REDY	65	0.08	23	35.38	12
33	SUF	HAPPENED	HAPPEND	64	0.08	43	67.19	14
34	OTH	WOMAN	WORME	61	0.08	20	32.79	8
35	VOW	PLEASE	PLEAS	61	0.08	40	65.57	10
36	VOW	MAYBE	MABY	59	0.07	30	50.85	8
37	VOW	THIRD	THERD	59	0.07	20	33.90	10
38	COM	SOMEONE	SOME ONE	58	0.07	22	37.93	7
39	POS	BOY'S	BOYS	55	0.07	27	49.09	2
40	HOM	WHERE	WERE	52	0.06	28	53.85	8
41	VOW	FIELD	FEILD	51	0.06	28	54.90	9
42	SUF	SCARED	SCARD	50	0.06	27	54.00	10
43	OTH	ANOTHER	A NOTHER	50	0.06	29	58.00	17
44	CON	LET'S	LETS	49	0.06	30	61.22	6
45	SUF	TRIED	TRIDE	48	0.06	20	41.67	9
46	COM	HOME RUN	HOMERUN	45	0.06	45	100.00	4
47	MUL	PERSON	PRUSOE	44	0.05	16	36.36	11
48	SUF	HAVING	HAVEING	43	0.05	13	30.23	2
49	MUL	BEHIND	BEHIDE	42	0.05	17	40.48	9
50	CON	HE'S	HES	40	0.05	21	52.50	5

Rank	Cat.	Root word	Error word	Attempts	Attempt Percent	Error Number	Error Percent	Variants
51	COM	SOMEBODY	SOME BODY	38	0.05	15	39.47	8
52	SUF	BATTING	BATING	38	0.05	14	36.84	2
53	CON	THAT'S	THATS	38	0.05	25	65.79	3
54	OTH	BROUGHT	BRANG	38	0.05	25	65.79	11
55	MV	SHIRT	SHERT	38	0.05	12	31.58	9
56	C	REALLY	REALY	37	0.05	22	59.46	8
57	C	FAR	FARR	37	0.05	14	37.84	5
58	MV	PITCHED	PEST	37	0.05	25	67.57	11
59	MV	THROW	THOURGH	36	0.04	11	30.56	11
60	HOM	YOU'RE	YOUR	36	0.04	35	97.22	2
61	HOM	REAL	RAIL	36	0.04	12	33.33	7
62	VOW	SAYS	SAIS	36	0.04	13	36.11	6
63	VOW	BEFORE	BEFOR	36	0.04	16	44.44	5
64	MUL	MEDICINE	MEDUSIN	35	0.04	32	91.43	23
65	C	PITCH	PICH	35	0.04	17	48.57	4
66	C	WHILE	WILE	33	0.04	15	45.45	10
67	VOW	UPON	APON	33	0.04	15	45.45	8
68	POS	GIRL'S	GIRLS	33	0.04	23	69.70	4
69	C	ALMOST	ALLMOST	32	0.04	12	37.50	6
70	HOM	THROWS	THOSE	32	0.04	19	59.38	9
71	SUF	GOES	GOS	31	0.04	18	58.06	5
72	SUF	CRIED	CRYED	31	0.04	11	35.48	4
73	VOW	WAITING	WATING	30	0.04	14	46.67	9
74	VOW	EVERY	EVRY	30	0.04	11	36.67	5
75	MV	COULDN'T	CODN'T	30	0.04	12	40.00	12
76	MV	PROBABLY	PROBEBLY	29	0.04	28	96.55	21
77	SUF	GETTING	GETING	29	0.04	13	44.83	2
78	C	WRONG	RONG	29	0.04	14	48.28	7
79	MV	TOMORROW	TOMOROW	29	0.04	22	75.86	17
80	HOM	BYE	BY	29	0.04	28	96.55	2
81	COM	EVERYBODY	EVERY BODY	29	0.04	22	75.86	10
82	VOW	FENCE	FINCE	27	0.03	12	44.44	10
83	MV	MORNING	MONING	26	0.03	11	42.31	7
84	MV	STRIKES	STRIKS	26	0.03	8	30.77	7
85	COM	HIMSELF	HIM SELF	25	0.03	14	56.00	6
86	MV	PRETTY	PERTTY	25	0.03	10	40.00	6
87	C	KNEE	NEE	25	0.03	12	48.00	6
88	MV	UNTIL	UNTILL	24	0.03	18	75.00	13
89	MV	AMBULANCE	ABELLENCE	24	0.03	18	75.00	16
90	CON	WHAT'S	WHATS	24	0.03	13	54.17	5
91	HOM	THEY'RE	THERE	24	0.03	17	70.83	4
92	VOW	HAIR	HIER	23	0.03	10	43.48	5
93	CON	WON'T	WONT	23	0.03	12	52.17	4
94	MV	WHITE	WHIET	23	0.03	8	34.78	4
95	C	PITCHING	PICHING	22	0.03	16	72.73	6
96	MV	EVERYONE	EVERONE	22	0.03	10	45.45	7
97	C	WRECK	RECK	22	0.03	20	90.91	6
98	MV	LAUGHING	LAUHING	21	0.03	13	61.90	10
99	CON	SHE'S	SHES	21	0.03	7	33.33	1
100	SUF	DIED	DIDE	21	0.03	10	47.62	2
101	MV	CHASING	CHASSING	21	0.03	13	61.90	10
102	HOM	THROUGH	THREW	21	0.03	17	80.95	14
103	C	AFRAID	AFRAIT	20	0.02	12	60.00	7
104	HOM	FEEL	FILL	20	0.02	11	55.00	5

Rank	Cat.	Root word	Error word	Attempts	Attempt Percent	Error Number	Error Percent	Variants
105	SUF	SITTING	SITING	19	0.02	11	57.89	6
106	MV	TOGETHER	TO GETHER	19	0.02	8	42.11	5
107	SUF	HITTING	HITING	19	0.02	9	47.37	3
108	C	CRUTCHES	CRUCHES	19	0.02	14	73.68	11
109	VOW	FINE	FIN	19	0.02	7	36.84	2
110	C	THOUGHT	THOUT	19	0.02	13	68.42	5
111	VOW	UMPIRE	UMPIER	19	0.02	13	68.42	9
112	HOM	SIGN	SINE	18	0.02	9	50.00	5
113	C	FINALLY	FINNALLY	18	0.02	13	72.22	9
114	MV	AROUND	A ROUND	18	0.02	8	44.44	6
115	C	ALWAYS	ALLWAYS	18	0.02	8	44.44	3
116	C	DADDY	DADY	18	0.02	6	33.33	1
117	POS	DOG'S	DOGS	17	0.02	11	64.71	2
118	HOM	HIGH	HI	17	0.02	7	41.18	4
119	MUL	KEPT	CEP	17	0.02	11	64.71	6
120	MV	MATTER	MADER	17	0.02	6	35.29	4
121	MV	PRACTICE	PRATICE	17	0.02	6	35.29	4
122	VOW	BOARD	BORD	17	0.02	9	52.94	3
123	SUF	STAYED	STAD	17	0.02	10	58.82	5
124	MV	WATCH	WACH	17	0.02	7	41.18	3
125	CON	THERE'S	THERES	16	0.02	7	43.75	3
126	MV	POINT	PONT	16	0.02	7	43.75	3
127	COM	ALL RIGHT	ALLRIGHT	16	0.02	16	100.00	10
128	COM	INSIDE	IN SIDE	16	0.02	8	50.00	4
129	MV	DOESN'T	DESEN'T	16	0.02	6	37.50	6
130	OTH	SWUNG	SWANG	15	0.02	9	60.00	3
131	SUF	HELPING	HELPPING	15	0.02	5	33.33	3
132	MV	TELEPHONE	TPHON	15	0.02	8	53.33	7
133	MV	SURGERY	SERGERY	15	0.02	14	93.33	12
134	C	PITCHES	PICHES	15	0.02	11	73.33	2
135	MV	WORRIED	WORED	15	0.02	8	53.33	7
136	MV	BLEEDING	BLEADING	15	0.02	10	66.67	7
137	VOW	SNAKE	SNAK	15	0.02	10	66.67	3
138	POS	DOCTOR'S	DOCTORS	15	0.02	14	93.33	6
139	MV	OPERATION	OPERAITON	14	0.02	10	71.43	8
140	MV	X-RAYS	EXERAS	14	0.02	9	64.29	8
141	MV	CHECK	CHEK	14	0.02	6	42.86	5
142	MV	STRUCK	STRUK	14	0.02	12	85.71	7
143	C	SUMMER	SUMER	14	0.02	5	35.71	2
144	MV	WOKE	WUCK	14	0.02	6	42.86	5
145	MV	HOURS	OWERS	14	0.02	7	50.00	6
146	MV	TURNED	TERNED	13	0.02	5	38.46	5
147	MV	MOUTH	MOTH	13	0.02	5	38.46	4
148	MV	QUICK	QIANK	13	0.02	6	46.15	4
149	VOW	CREAM	CREM	13	0.02	4	30.77	1
150	MV	PARTY	PARITY	13	0.02	5	38.46	5
151	VOW	OKAY	OKAE	13	0.02	11	84.62	6
152	MV	WASN'T	WAS	13	0.02	7	53.85	6
153	MV	KEEP	KEPE	13	0.02	4	30.77	3
154	SUF	DROPPED	DROPED	13	0.02	13	100.00	3
155	MV	RIDING	RIDEING	13	0.02	6	46.15	4
156	MV	YELLED	WELLED	13	0.02	5	38.46	3
				8257	10.09	3956		

Appendix D

Grade 3 Spelling Word List

Rank	Cat.	Root word	Error w	Attempts	Attempt Percent	Error Number	Error Percent	Variants
1	HOM	THEIR	THERE	2854	0.33	1818	63.70	43
2	HOM	TOO	TO	2100	0.24	1351	64.33	7
3	VOW	AGAIN	AGIN	1641	0.19	549	33.46	64
4	C	PITCHER	PICHER	1066	0.12	353	33.11	61
5	CON	IT'S	ITS	1039	0.12	347	33.40	11
6	VOW	DOCTOR	DOCTER	987	0.11	320	32.42	52
7	COM	SEESAW	SEE-SAW	907	0.10	633	69.79	54
8	C	RACCOON	RACOON	892	0.10	746	83.63	91
9	CON	LET'S	LETS	869	0.10	546	62.83	18
10	HOM	THREW	THROUGH	838	0.10	285	34.01	64
11	OTH	ANOTHER	A NOTHER	822	0.09	287	34.91	78
12	SUF	SCARED	SCARD	752	0.09	279	37.10	83
13	VOW	CAUGHT	COUGHT	719	0.08	376	52.29	81
14	COM	EVERYBODY	EVERY BODY	662	0.08	328	49.55	71
15	COM	EVERYONE	EVERY ONE	620	0.07	209	33.71	29
16	HOM	WHERE	WERE	587	0.07	227	38.67	26
17	C	THOUGHT	THOUT	566	0.07	203	35.87	41
18	COM	OUTSIDE	OUT SIDE	565	0.07	175	30.97	19
19	CON	THAT'S	THATS	564	0.07	332	58.87	6
20	VOW	FIELD	FEILD	516	0.06	256	49.61	25
21	HOM	MISSED	MIST	516	0.06	165	31.98	21
22	SUF	TRYING	TRING	496	0.06	154	31.05	26
23	SUF	FINALLY	FINALY	471	0.05	285	60.51	54
24	MV	MERRY-GO-	MARY-GO-RO	471	0.05	341	72.40	39
25	COM	HOME RUN	HOMERUN	461	0.05	459	99.57	14
26	C	UNTIL	UNTILL	454	0.05	234	51.54	80
27	SUF	GETTING	GETING	452	0.05	137	30.31	19
28	HOM	HEARD	HERD	445	0.05	159	35.73	15
29	VOW	UPON	APON	435	0.05	208	47.82	45
30	SUF	REALLY	REALY	420	0.05	199	47.38	24
31	COM	SOMETIMES	SOME TIMES	418	0.05	149	35.65	27
32	VOW	BEFORE	BEFOR	416	0.05	126	30.29	21
33	C	ISLAND	ILAND	403	0.05	146	36.23	38
34	HOM	THEY'RE	THERE	373	0.04	342	91.69	16
35	MUL	TEETER-TO	TETERTOTER	354	0.04	342	96.61	60
36	HOM	YOU'RE	YOUR	349	0.04	319	91.40	13
37	COM	A LOT	ALOT	347	0.04	346	99.71	10
38	C	BROUGHT	BROUT	338	0.04	139	41.12	42
39	SUF	HAPPENED	HAPPEND	321	0.04	171	53.27	25
40	C	PITCHED	PICHED	312	0.04	111	35.58	31
41	VOW	MAYBE	MABE	295	0.03	101	34.24	19
42	C	SUDDENLY	SUDENLY	291	0.03	113	38.83	50
43	SUF	STOPPED	STOPED	276	0.03	149	53.99	11
44	C	DECIDED	DESIDED	253	0.03	77	30.43	34
45	OTH	PROBABLY	PROBLY	251	0.03	212	84.46	76
46	CON	WON'T	WONT	250	0.03	77	30.80	13
47	HOM	KNEW	NEW	248	0.03	76	30.65	6
48	C	KEPT	CEPT	248	0.03	77	31.05	28
49	HOM	WHOLE	HOLE	242	0.03	113	46.69	14
50	SUF	HAPPILY	HAPPLY	236	0.03	131	55.51	30

Rank	Cat.	Root word	Error word	Attempts	Attempt Percent	Error Number	Error Percent	Variants
51	HOM	THROUGH	THREW	231	0.03	142	61.47	44
52	VOW	TROUBLE	TROBLE	230	0.03	115	50.00	47
53	C	THROWS	THOWS	230	0.03	77	33.48	24
54	SUF	WINNING	WINING	227	0.03	87	38.33	12
55	C	RECESS	RESSES	224	0.03	95	42.41	39
56	C	CHRISTMAS	CHRISMAS	219	0.03	70	31.96	27
57	VOW	COACH	COUCH	215	0.03	74	34.42	15
58	POS	BOY'S	BOYS	214	0.03	136	63.55	6
59	HOM	THAN	THEN	213	0.02	65	30.52	10
60	CON	WE'RE	WERE	210	0.02	149	70.95	13
61	CON	WHAT'S	WHATS	207	0.02	119	57.49	10
62	VOW	SWUNG	SWONG	204	0.02	69	33.82	19
63	COM	ANYTHING	ANY THING	200	0.02	76	38.00	24
64	C	TOMORROW	TOMOROW	199	0.02	125	62.81	45
65	POS	GIRL'S	GIRLS	195	0.02	127	65.13	13
66	VOW	SURPRISE	SUPRISE	194	0.02	118	60.82	22
67	C	PRACTICE	PRATICE	192	0.02	78	40.63	36
68	MUL	STRIKES	STRICKS	191	0.02	60	31.41	27
69	VOW	SCREAMED	SCREMED	190	0.02	82	43.16	29
70	MV	VOLCANO	VALCANO	183	0.02	101	55.19	56
71	VOW	GUESS	GESS	182	0.02	67	36.81	23
72	MUL	BOUGHT	BOT	181	0.02	71	39.23	31
73	COM	EVERYTHIN	EVERY THIN	180	0.02	87	48.33	20
74	VOW	UMPIRE	EMPIRE	179	0.02	99	55.31	29
75	HOM	BYE	BY	178	0.02	122	68.54	8
76	SUF	LAUGHED	LAUGHT	177	0.02	72	40.68	33
77	HOM	CLOTHES	CLOTHS	173	0.02	76	43.93	14
78	VOW	DOESN'T	DOSEN'T	172	0.02	85	49.42	24
79	C	STRUCK	STRUK	169	0.02	83	49.11	28
80	HOM	THERE'S	THERES	168	0.02	108	64.29	11
81	HOM	BUY	BY	166	0.02	52	31.33	7
82	C	INNING	INING	164	0.02	61	37.20	22
83	MV	DINOSAUR	DONNSOR	161	0.02	129	80.12	56
84	VOW	MINUTES	MINUTS	160	0.02	84	52.50	29
85	VOW	LAUGHING	LAGHING	153	0.02	57	37.25	25
86	VOW	AGAINST	AGENST	150	0.02	97	64.67	47
87	SUF	CHASING	CHASEING	147	0.02	45	30.61	13
88	CON	WE'LL	WELL	140	0.02	56	40.00	10
89	SUF	SITTING	SITING	139	0.02	45	32.37	7
90	SUF	GRABBED	GRABED	138	0.02	80	57.97	13
91	HOM	BREAK	BRAKE	136	0.02	67	49.26	15
92	POS	DOG'S	DOGS	136	0.02	92	67.65	4
93	VOW	BELIEVE	BELIVE	134	0.02	97	72.39	21
94	POS	ITS	IT'S	132	0.02	63	47.73	3
95	COM	SOMEBODY	SOME BODY	132	0.02	43	32.58	9
96	VOW	ENOUGH	ENOGH	127	0.02	61	48.03	36
97	VOW	HUNGRY	HUNGRE	127	0.02	53	41.73	31
98	C	AFRAID	AFAID	126	0.01	51	40.48	23
99	MV	ALWAYS	ALLWAYS	124	0.01	124	100.00	32
100	COM	ANYMORE	ANY MORE	124	0.01	64	51.61	14
101	SUF	HITTING	HITING	124	0.01	50	40.32	6
102	VOW	BEAT	BET	123	0.01	37	30.08	10
103	VOW	LOADED	LODED	123	0.01	37	30.08	12
104	COM	MYSELF	MY SELF	123	0.01	55	44.72	10

Rank	Cat.	Root word	Error word	Attempts	Attempt Percent	Error Number	Error Percent	Variants
105	HOM	FEEL	FILL	122	0.01	37	30.33	7
106	POS	GIRAFFE'S	GIRAFFES	122	0.01	37	30.33	17
107	COM	HIMSELF	HIM SELF	121	0.01	71	58.68	23
108	MV	FAVORITE	FAVORIT	120	0.01	57	47.50	34
109	MV	ANIMALS	ANMILS	119	0.01	37	31.09	24
110	MUL	SHOOK	SHOKE	118	0.01	46	38.98	17
111	C	PICNIC	PICKNICK	115	0.01	56	48.70	32
112	VOW	DIFFERENT	DIFFRENT	114	0.01	87	76.32	24
113	C	EXCITED	EXITED	114	0.01	47	41.23	25
114	SUF	SWIMMING	SWIMING	114	0.01	37	32.46	10
115	VOW	PIECE	PICE	112	0.01	64	57.14	15
116	VOW	SURPRISED	SUPRISED	111	0.01	62	55.86	27
117	HOM	HEAR	HERE	109	0.01	35	32.11	4
118	COM	HERSELF	HER SELF	108	0.01	56	51.85	10
119	SUF	HITTER	HITER	107	0.01	37	34.58	5
120	COM	OUTFIELD	OUT FIELD	107	0.01	63	58.88	18
121	COM	ALREADY	ALL READY	106	0.01	45	42.45	17
122	MV	BREAKFAST	BREAKFEAST	105	0.01	38	36.19	27
123	VOW	CAMERA	CAMRA	103	0.01	82	79.61	47
124	VOW	DOLLARS	DOLLERS	103	0.01	41	39.81	10
125	VOW	SINCE	SENCE	103	0.01	41	39.81	18
126	VOW	BASKET	BASKIT	101	0.01	38	37.62	24
127	SUF	FRIGHTENE	FRIGHTEND	99	0.01	62	62.63	22
128	C	EXCEPT	EXEPT	98	0.01	65	66.33	38
129	VOW	FINISHED	FINSHED	98	0.01	35	35.71	15
130	VOW	CROWD	CROUD	98	0.01	33	33.67	13
131	MV	MINUTE	MINET	98	0.01	47	47.96	28
132	MV	WEARING	WERING	98	0.01	39	39.80	17
133	MV	LAUGH	LAF	96	0.01	29	30.21	18
134	COM	ICE CREAM	ICECREAM	96	0.01	95	98.96	18
135	C	PITCHES	PICHES	95	0.01	30	31.58	6
136	C	CATCHING	CACHING	94	0.01	29	30.85	15
137	COM	WITHOUT	WITH OUT	94	0.01	41	43.62	4
138	VOW	TONGUE	TOUNGE	94	0.01	79	84.04	25
139	MV	SCARY	SCAREY	93	0.01	34	36.56	22
140	MV	AMBULANCE	AMBULENS	92	0.01	58	63.04	38
141	SUF	CHEERED	CHEERD	92	0.01	31	33.70	12
142	VOW	INSTEAD	INSTED	92	0.01	48	52.17	17
143	SUF	DROPPED	DROPED	91	0.01	51	56.04	13
144	C	FOLLOWED	FOLOWED	89	0.01	30	33.71	22
145	SUF	ANSWERED	ANSWERD	88	0.01	56	63.64	23
146	OTH	O'CLOCK	OCLOCK	87	0.01	40	45.98	18
147	VOW	SOCCER	SOCCOR	87	0.01	33	37.93	11
148	COM	ANYWAY	ANY WAY	86	0.01	35	40.70	12
149	SUF	POPPED	POPED	85	0.01	46	54.12	4
150	MV	THROWING	THROING	84	0.01	31	36.90	20
				44322	5.09	21904		

Appendix E

Grade 4 Spelling Word List

Rank	Cat.	Root word	Error word	Attempts	Attempt Percent	Error Number	Error Percent	Variants
1	HOM	TOO	TO	571	0.20	392	68.65	4
2	HOM	THEIR	THERE	505	0.17	316	62.57	12
3	VOW	ELEPHANT	ELEPHENT	433	0.15	216	49.88	80
4	HOM	WHERE	WERE	305	0.11	97	31.80	13
5	OTH	ANOTHER	A NOTHER	303	0.11	95	31.35	31
6	MV	PARACHUTE	PAIRASHOT	279	0.10	113	40.50	51
7	C	PITCHER	PICHER	269	0.09	90	33.46	25
8	HOM	OUR	ARE	255	0.09	78	30.59	10
9	CON	IT'S	ITS	248	0.09	114	45.97	1
10	MV	GIRAFFE	GIRRAFE	216	0.08	154	71.30	76
11	VOW	WEARING	WARING	211	0.07	73	34.60	16
12	COM	OUTSIDE	OUT SIDE	200	0.07	65	32.50	7
13	CON	LET'S	LETS	192	0.07	132	68.75	11
14	SUF	FINALLY	FINALY	183	0.06	98	53.55	26
15	SUF	HAPPENED	HAPPEND	181	0.06	98	54.14	18
16	VOW	CAUGHT	COUGHT	180	0.06	77	42.78	23
17	SUF	SCARED	SCARD	176	0.06	55	31.25	19
18	HOM	HEARD	HERD	175	0.06	57	32.57	12
19	VOW	FIELD	FEILD	151	0.05	50	33.11	15
20	HOM	THROUGH	THREW	141	0.05	73	51.77	22
21	COM	PLAYGROUN	PLAY GROUN	129	0.05	48	37.21	17
22	CON	THAT'S	THATS	121	0.04	76	62.81	2
23	COM	SEESAW	SEE-SAW	119	0.04	83	69.75	19
24	C	UNTIL	UNTILL	116	0.04	51	43.97	21
25	COM	EVERYBODY	EVERY BODY	114	0.04	54	47.37	13
26	C	MONSTER	MOSTER	112	0.04	36	32.14	12
27	VOW	BROUGHT	BROGHT	111	0.04	34	30.63	14
28	CON	YOU'RE	YOUR	110	0.04	94	85.45	9
29	POS	ITS	IT'S	104	0.04	53	50.96	2
30	COM	HOME RUN	HOMERUN	98	0.03	98	100.00	4
31	CON	THERE'S	THERES	98	0.03	53	54.08	11
32	MV	CIRCLES	CIRCALS	97	0.03	30	30.93	25
33	HOM	KNEW	NEW	92	0.03	31	33.70	4
34	CON	WHAT'S	WHATS	91	0.03	57	62.64	9
35	SUF	STOPPED	STOPED	88	0.03	32	36.36	2
36	HOM	THROW	THROUGH	88	0.03	27	30.68	14
37	C	LADDER	LATTER	87	0.03	45	51.72	6
38	COM	ANYTHING	ANY THING	85	0.03	35	41.18	13
39	C	STITCHES	STICHES	85	0.03	60	70.59	12
40	VOW	UPON	APON	84	0.03	44	52.38	15
41	C	CLIMBING	CLIMING	82	0.03	34	41.46	15
42	MV	UMBRELLA	UNBRELA	81	0.03	64	79.01	41
43	SUF	SKIING	SKING	81	0.03	44	54.32	18
44	COM	MYSELF	MY SELF	80	0.03	27	33.75	2
45	SUF	REALLY	REALY	79	0.03	31	39.24	8
46	C	BUCKET	BUKET	77	0.03	30	38.96	17
47	VOW	PIECE	PEICE	76	0.03	36	47.37	13
48	HOM	WHOLE	HOLE	75	0.03	28	37.33	4
49	SUF	HAPPILY	HAPPLY	74	0.03	44	59.46	13
50	HOM	CLOTHES	CLOSE	73	0.03	33	45.21	9

Rank	Cat.	Root word	Error word	Attempts	Attempt Percent	Error Number	Error Percent	Variants
51	SUF	TIRED	TIERD	73	0.03	25	34.25	10
52	MV	PRINCIPAL	PRINCEABLE	72	0.03	56	77.78	41
53	POS	BOY'S	BOYS	70	0.02	45	64.29	4
54	SUF	SWIMMING	SWIMING	69	0.02	21	30.43	2
55	COM	CLASSROOM	CLASS ROOM	68	0.02	39	57.35	2
56	MV	ARROWS	AROWS	67	0.02	25	37.31	16
57	VOW	SCREAMED	SCREMED	67	0.02	29	43.28	12
58	OTH	STRUCK	STRIKED	67	0.02	31	46.27	18
59	CON	WON'T	WONT	67	0.02	24	35.82	7
60	C	TOMORROW	TOMMOROW	66	0.02	40	60.61	21
61	C	TRUNK	TRUNCK	65	0.02	23	35.38	11
62	MV	PROBABLY	PROBLY	64	0.02	54	84.38	26
63	VOW	TROUBLE	TROBLE	63	0.02	31	49.21	13
64	MV	PARACHUTE	PARACHUTS	59	0.02	18	30.51	10
65	POS	DOG'S	DOGS	57	0.02	31	54.39	1
66	VOW	BELIEVE	BELIVE	56	0.02	39	69.64	13
67	MV	GUESS	GESS	55	0.02	19	34.55	16
68	VOW	MONKEYS	MONKYS	54	0.02	23	42.59	8
69	SUF	GRABBED	GRABED	54	0.02	33	61.11	11
70	VOW	BOARD	BORD	53	0.02	16	30.19	8
71	HOM	INNING	ENDING	52	0.02	23	44.23	9
72	VOW	MAYBE	MABE	52	0.02	17	32.69	9
73	HOM	THROWS	THROUGHS	51	0.02	18	35.29	6
74	VOW	DIFFERENT	DIFFRENT	50	0.02	32	64.00	10
75	MV	POODLE	PODDLE	50	0.02	26	52.00	17
76	MV	LAUGHING	LAGHING	48	0.02	16	33.33	12
77	CON	WE'RE	WERE	48	0.02	37	77.08	3
78	MV	BOTTOM	BOTTEM	47	0.02	15	31.91	9
79	SUF	STRIPES	STRIPS	47	0.02	22	46.81	10
80	C	UMPIRE	UNPIRE	47	0.02	15	31.91	8
81	VOW	CACTUS	CACTIS	46	0.02	36	78.26	13
82	HOM	HEY	HAY	46	0.02	23	50.00	5
83	MV	TRIANGLES	TRIANGELS	46	0.02	25	54.35	17
84	COM	EVERYTHIN	EVERY THIN	45	0.02	21	46.67	5
85	HOM	BYE	BUY	45	0.02	15	33.33	5
86	MV	POLICE	PLOCET	45	0.02	14	31.11	11
87	CON	WE'LL	WELL	45	0.02	16	35.56	4
88	VOW	DOES	DOSE	44	0.02	15	34.09	5
89	MUL	CLIMB	CLIME	44	0.02	21	47.73	8
90	MV	CIRCLE	CIRCAL	44	0.02	16	36.36	13
91	HOM	THEY'RE	THERE	44	0.02	41	93.18	6
92	OTH	BATHING	BATING	43	0.02	14	32.56	5
93	COM	A LOT	ALOT	43	0.02	43	100.00	3
94	MV	LAUGHED	LAUGHT	43	0.02	21	48.84	13
95	VOW	AMBULANCE	AMBLANCE	42	0.02	22	52.38	16
96	MV	OPERATION	ORPARATION	42	0.02	15	35.71	14
97	VOW	UNICYCLE	UNICICLE	42	0.02	31	73.81	21
98	MV	BUTTONS	BATTE	41	0.01	13	31.71	13
99	SUF	BATTING	BATING	41	0.01	16	39.02	4
100	MUL	HIMSELF	HIS SELF	40	0.01	19	47.50	10
101	MV	GIRAFFE'S	GIRRAFE'S	40	0.01	31	77.50	27
102	VOW	POISON	POSEN	40	0.01	28	70.00	16
103	MV	BEAUTIFUL	BUTIFUL	39	0.01	24	61.54	18
104	MV	WOMAN	WARMAN	39	0.01	12	30.77	10

Rank	Cat.	Root word	Error word	Attempts	Attempt Percent	Error Number	Error Percent	Variants
105	POS	BEAR'S	BEARS	38	0.01	29	76.32	1
106	COM	ANYMORE	ANY MORE	38	0.01	21	55.26	6
107	VOW	DOESN'T	DOSEN'T	38	0.01	13	34.21	6
108	HOM	PASSED	PAST	38	0.01	23	60.53	4
109	C	X-RAY	EXRAY	38	0.01	21	55.26	9
110	HOM	BREAK	BRAKE	37	0.01	13	35.14	3
111	COM	ALREADY	ALL READY	37	0.01	13	35.14	6
112	MUL	ELF	ELVE	37	0.01	13	35.14	2
113	COM	SOMETIMES	SOME TIMES	37	0.01	12	32.43	6
114	COM	EVERYWHER	EVERY WHER	36	0.01	31	86.11	15
115	MV	UNUSUAL	UNUSAL	36	0.01	12	33.33	9
116	MV	THROWING	THROUGHING	36	0.01	15	41.67	8
117	MV	PROBLEM	PROMBLE	36	0.01	14	38.89	9
118	MV	MINUTE	MINITE	35	0.01	11	31.43	10
119	MV	TELEPHONE	TELEPHOME	35	0.01	12	34.29	8
120	VOW	WAITED	WATED	35	0.01	11	31.43	4
121	HOM	QUIET	QUITE	34	0.01	12	35.29	3
122	COM	ANYWAY	ANY WAY	33	0.01	12	36.36	6
123	MV	EXCEPT	EXEPT	33	0.01	19	57.58	12
124	POS	ELEPHANT'	ELEPHANTS	33	0.01	26	78.79	16
125	MV	AGAINST	AGANST	32	0.01	14	43.75	9
126	MV	MEDICINE	MEDIACEN	32	0.01	21	65.63	13
127	SUF	POPPED	POPED	32	0.01	21	65.63	2
128	MV	WEAR	WENR	32	0.01	19	59.38	9
129	MV	STRAIGHT	STRIGHT	31	0.01	14	45.16	8
130	VOW	SLEEVE	SLEVE	30	0.01	10	33.33	6
131	SUF	SKIS	SKIES	30	0.01	24	80.00	8
132	SUF	TRIPPED	TRIPED	30	0.01	17	56.67	1
133	C	X-RAYS	EXRAYS	30	0.01	14	46.67	8
134	VOW	DESCRIBE	DISCRIBE	29	0.01	11	37.93	5
135	POS	GIRL'S	GIRLS	29	0.01	22	75.86	2
136	VOW	SURPRISED	SUPRISED	29	0.01	14	48.28	7
137	COM	WHEELCHAI	WHEEL CHAI	29	0.01	17	58.62	7
138	MV	WANTS	WANT'S	29	0.01	10	34.48	8
139	C	KNOCKED	NOCKED	28	0.01	11	39.29	4
140	MV	WORRIED	WORRED	28	0.01	9	32.14	6
141	MV	BIRTHDAY	BRDAY	27	0.01	10	37.04	7
142	VOW	LIONS	LOINS	27	0.01	11	40.74	3
143	HOM	LAID	LAYED	27	0.01	17	62.96	6
144	C	SKINNY	SKINY	27	0.01	20	74.07	5
145	MV	BLEEDING	BLEADING	26	0.01	11	42.31	7
146	COM	BACKYARD	BACK YARD	26	0.01	9	34.62	3
147	C	CHEETAH	CHEETA	26	0.01	21	80.77	6
148	C	KITCHEN	KICHEN	26	0.01	11	42.31	6
149	SUF	HOPPED	HOPED	26	0.01	9	34.62	2
150	OTH	HAS GOT	GOTS	26	0.01	26	100.00	2
151	MV	MONTHS	MOTHS	26	0.01	9	34.62	8
152	COM	ONTO	ON TO	26	0.01	15	57.69	1
153	OTH	SLEPT	SLEEPED	26	0.01	9	34.62	6
				12310	4.25	5989		

Appendix F

Grade 5 Spelling Word List

Rank	Cat.	Root word	Error word	Attempts	Attempt Percent	Error Number	Error Percent	Variants
1	HOM	THEIR	THERE	447	0.28	252	56.38	20
2	COM	BASKETBAL	BASKET BAL	397	0.25	121	30.48	28
3	HOM	TOO	TO	210	0.13	127	60.48	3
4	C	ANTENNA	ANTENA	203	0.13	175	86.21	50
5	MV	THERMOMET	THEMOMETER	197	0.12	148	75.13	94
6	COM	CLOTHESLI	CLOTHES LI	185	0.12	153	82.70	20
7	SUF	POPPED	POPED	164	0.10	58	35.37	2
8	HOM	CLOTHES	CLOTHS	159	0.10	71	44.65	9
9	MV	PROPELLER	PROPELER	155	0.10	122	78.71	47
10	COM	EVERYONE	EVERY ONE	143	0.09	46	32.17	14
11	CON	IT'S	ITS	141	0.09	57	40.43	4
12	C	ATTENTION	ATENTION	127	0.08	49	38.58	27
13	VOW	LOSING	LOOSING	122	0.08	52	42.62	8
14	VOW	WINDSHIEL	WINDSHEILD	118	0.07	76	64.41	27
15	COM	EVERYBODY	EVERY BODY	108	0.07	38	35.19	8
16	COM	OUTSIDE	OUT SIDE	108	0.07	35	32.41	2
17	CON	THAT'S	THATS	107	0.07	65	60.75	4
18	VOW	WEIRD	WIERD	106	0.07	46	43.40	9
19	MV	PRINCIPAL	PRINCIPLE	103	0.06	66	64.08	30
20	HOM	WHERE	WERE	101	0.06	31	30.69	3
21	MV	RECESS	RECCES	95	0.06	36	37.89	18
22	SUF	FINALLY	FINALY	82	0.05	27	32.93	12
23	COM	CLASSROOM	CLASS ROOM	77	0.05	28	36.36	5
24	MV	PROBABLY	PROBLY	75	0.05	49	65.33	19
25	C	EXCEPT	EXEPT	72	0.05	22	30.56	8
26	CON	WON'T	WONT	68	0.04	24	35.29	7
27	CON	LET'S	LETS	61	0.04	26	42.62	1
28	VOW	MAYBE	MABY	59	0.04	19	32.20	5
29	VOW	CAUGHT	COUGHT	58	0.04	22	37.93	10
30	VOW	BELIEVE	BELIVE	53	0.03	26	49.06	7
31	CON	ASSIGNMEN	ASIGNMENT	53	0.03	30	56.60	12
32	HOM	YOU'RE	YOUR	53	0.03	45	84.91	5
33	SUF	HAPPENED	HAPPEND	52	0.03	16	30.77	3
34	HOM	THEY'RE	THERE	52	0.03	46	88.46	6
35	COM	SOMEONE	SOME ONE	51	0.03	17	33.33	7
36	CON	THERE'S	THERES	50	0.03	31	62.00	6
37	COM	CHALKBOAR	CHALK BOAR	43	0.03	25	58.14	8
38	SUF	POPPING	POPING	42	0.03	23	54.76	1
39	COM	A LOT	ALOT	41	0.03	41	100.00	2
40	POS	GIRL'S	GIRLS	41	0.03	30	73.17	2
41	COM	LIGHT BUL	LIGHTBULB	41	0.03	30	73.17	12
42	C	PITCHER	PICHER	40	0.03	13	32.50	6
43	VOW	DOESN'T	DOSENT	39	0.02	17	43.59	9
44	COM	EVERYTHIN	EVERY THIN	39	0.02	19	48.72	9
45	POS	PRINCIPAL	PRINCIPALS	39	0.02	25	64.10	12
46	VOW	ENGINE	ENGIN	38	0.02	14	36.84	4
47	CON	WHAT'S	WHATS	38	0.02	20	52.63	6
48	SUF	STUDYING	STUDING	37	0.02	14	37.84	4
49	VOW	DIFFERENT	DIFFRENT	36	0.02	13	36.11	6
50	SUF	SINCERELY	SINCERLY	35	0.02	25	71.43	9

Rank	Cat.	Root word	Error word	Attempts	Attempt Percent	Error Number	Error Percent	Variants
51	MV	SUPPOSED	ASUPPOSE	35	0.02	21	60.00	18
52	CON	WE'RE	WERE	34	0.02	20	58.82	3
53	MV	TOMORROW	TOMMORROW	31	0.02	12	38.71	9
54	OTH	'CAUSE	CAUSE	31	0.02	29	93.55	5
55	HOM	LOSE	LOOSE	30	0.02	12	40.00	6
56	COM	ANYMORE	ANY MORE	29	0.02	9	31.03	3
57	VOW	FIELD	FEILD	28	0.02	9	32.14	3
58	MV	SUSPENDED	SASPENDED	28	0.02	14	50.00	10
59	VOW	TEMPERATU	TEMPERTURE	28	0.02	26	92.86	14
60	VOW	WEREN'T	WERN'T	28	0.02	12	42.86	7
61	MV	AGAINST	AGINST	27	0.02	9	33.33	6
62	COM	SPACECRAF	SPACE CRAF	26	0.02	16	61.54	2
63	MV	DESCRIBE	DISCRIBE	25	0.02	10	40.00	7
64	HOM	BREAK	BRAKE	25	0.02	8	32.00	1
65	VOW	AREN'T	ARN'T	25	0.02	12	48.00	5
66	MV	RADAR	RADAIR	25	0.02	10	40.00	9
67	VOW	YEAH	YA	25	0.02	16	64.00	6
68	MV	CURTAINS	CURTINS	24	0.02	10	41.67	9
69	MV	EXCITED	EXITED	24	0.02	9	37.50	6
70	VOW	GAUGE	GAGE	24	0.02	20	83.33	3
71	MV	SCREAMED	SCEAMED	24	0.02	9	37.50	7
72	POS	TEACHER'S	TEACHERS	24	0.02	18	75.00	4
73	MV	ANSWER	ANWER	22	0.01	8	36.36	7
74	COM	ANYWAY	ANY WAY	22	0.01	7	31.82	3
75	COM	MYSELF	MY SELF	22	0.01	7	31.82	2
76	MV	GOAL	GOLE	21	0.01	9	42.86	5
77	COM	HERSELF	HER SELF	21	0.01	7	33.33	2
78	MV	ENGINES	ENGINS	20	0.01	10	50.00	6
79	MV	CHAMPIONS	CHAMPINGSH	20	0.01	8	40.00	6
80	MV	LANGUAGE	LANGUGE	19	0.01	6	31.58	4
81	MV	INNING	ENDING	19	0.01	6	31.58	4
82	VOW	PADDLING	PADDELING	19	0.01	10	52.63	9
83	COM	WITHOUT	WITH OUT	19	0.01	6	31.58	2
84	MV	ELEVATOR	ELAVATOR	18	0.01	7	38.89	5
85	POS	ITS	IT'S	18	0.01	9	50.00	1
86	CON	WE'LL	WELL	18	0.01	9	50.00	2
87	POS	BOY'S	BOYS	16	0.01	5	31.25	1
88	MV	GRABBED	GRABED	16	0.01	6	37.50	3
89	MV	MIND	MINE	16	0.01	7	43.75	3
90	OTH	MA'AM	MAM	16	0.01	16	100.00	2
91	COM	ONTO	ON TO	15	0.01	9	60.00	1
92	COM	GLOBETROT	GLOBE TROT	15	0.01	13	86.67	4
93	VOW	METAL	METEL	15	0.01	12	80.00	5
94	VOW	MOTOR	MOTER	15	0.01	9	60.00	3
95	OTH	PAID	PAYED	15	0.01	7	46.67	2
96	COM	WILDCATS	WILD CATS	15	0.01	9	60.00	1
97	COM	BUBBLE GU	BUBBLEGUM	14	0.01	14	100.00	6
98	MV	NERVOUS	NERESE	14	0.01	5	35.71	5
99	C	LADDER	LATTER	14	0.01	7	50.00	1
100	COM	STAIRWAY	STAIR WAY	14	0.01	5	35.71	2
101	COM	STAIRCASE	STAIR CASE	14	0.01	5	35.71	1
102	MV	STRAIGHT	STRAIT	14	0.01	5	35.71	3
103	VOW	DIVORCE	DIVORICE	13	0.01	8	61.54	2
104	MV	SUBSTITUT	SUBSATUTE	13	0.01	4	30.77	4

Rank	Cat.	Root word	Error word	Attempts	Attempt Percent	Error Number	Error Percent	Variants
105	MV	SQUARE	SQUER	13	0.01	4	30.77	3
106	MV	SURPRISE	SUPPRISE	13	0.01	6	46.15	3
107	MV	TELEVISIO	TELEVISON	13	0.01	6	46.15	4
108	MV	YEA	YEH	13	0.01	5	38.46	4
109	MV	ASSIGNMEN	ASSINMENTS	12	0.01	8	66.67	7
110	COM	FUNNY-LOO	FUNNY LOOK	12	0.01	12	100.00	1
111	POS	FRIEND'S	FRIENDS	12	0.01	12	100.00	2
112	MV	PRACTICIN	PRACTISING	12	0.01	4	33.33	2
113	MV	QUESTION	QUEIETION	12	0.01	4	33.33	4
114	MV	CIRCLES	CIRCULS	11	0.01	5	45.45	4
115	COM	DOORWAY	DOOR WAY	11	0.01	6	54.55	1
116	MV	BUZZER	BUSER	11	0.01	5	45.45	4
117	MV	BUSINESS	BUISNESS	11	0.01	6	54.55	3
118	MV	MONTH	MOUNTH	11	0.01	4	36.36	2
119	COM	HOME RUN	HOMERUN	11	0.01	11	100.00	1
120	MV	EXPELLED	EXSPELLED	11	0.01	5	45.45	4
121	MV	ROOTING	ROUTING	11	0.01	4	36.36	2
122	MV	STRIKES	SKITES	11	0.01	4	36.36	2
123	MV	THEMSELVE	THEM SELVE	11	0.01	4	36.36	4
124	MV	UNUSUAL	UNUSAL	11	0.01	8	72.73	6
125	MV	WINDSHIEL	WINDSHEILD	11	0.01	11	100.00	8
126	SUF	WRITTEN	WRITEN	11	0.01	7	63.64	2
127	COM	BALL GAME	BALLGAME	10	0.01	10	100.00	1
128	MV	ESPECIALL	ESPECAILLY	10	0.01	8	80.00	8
129	COM	EVERYDAY	EVERY DAY	10	0.01	6	60.00	1
130	MV	BALLOON	BALLON	9	0.01	7	77.78	5
131	MV	DETENTION	DETINTION	9	0.01	4	44.44	3
132	MV	CONNECTED	CONECTED	9	0.01	4	44.44	2
133	MV	ELEMENTAR	ELEMENTERY	9	0.01	4	44.44	4
134	MV	IMPORTANT	EMPORETANT	9	0.01	3	33.33	3
135	MV	LECTURE	LECHURE	9	0.01	3	33.33	3
136	POS	TEAM'S	TEAMS	9	0.01	5	55.56	1
137	C	PITCHED	PICHED	9	0.01	4	44.44	1
138	MV	STRUCK	STROKE	9	0.01	4	44.44	4
139	MV	REMEMBER	REMEBER	9	0.01	3	33.33	3
140	MV	USUAL	USAUL	9	0.01	4	44.44	2
141	MV	WONDERING	WANDERING	9	0.01	3	33.33	3
142	MV	WHO'S	WHOS	9	0.01	3	33.33	1
				6505	4.05	3343		

Appendix G

Grade 6 Spelling Word List

Rank	Cat.	Root word	Error word	Attempts	Attempt Percent	Error Number	Error Percent	Variants
1	HOM	THEIR	THERE	3938	0.37	1268	32.20	27
2	HOM	TOO	TO	1317	0.13	727	55.20	7
3	SUF	POPPED	POPED	1098	0.10	402	36.61	16
4	VOW	VOLLEYBAL	VOLLYBALL	925	0.09	446	48.22	56
5	HOM	PRINCIPAL	PRINCIPLE	871	0.08	398	45.69	15
6	CON	IT'S	ITS	792	0.08	268	33.84	9
7	COM	ICE-SKATI	ICE SKATIN	648	0.06	549	84.72	26
8	OTH	PROBABLY	PROBLY	645	0.06	248	38.45	64
9	CON	THAT'S	THATS	587	0.06	291	49.57	6
10	VOW	RECEIVED	RECIEVED	566	0.05	222	39.22	11
11	COM	LIFEGUARD	LIFE GUARD	467	0.04	273	58.46	27
12	CON	LET'S	LETS	430	0.04	250	58.14	8
13	HOM	YOU'RE	YOUR	406	0.04	318	78.33	6
14	OTH	ASSIGNMEN	ASSINGMENT	394	0.04	164	41.62	39
15	SUF	STUDYING	STUDING	365	0.04	145	39.73	14
16	SUF	POPPING	POPING	351	0.03	109	31.05	3
17	HOM	THEY'RE	THERE	338	0.03	249	73.67	8
18	POS	PRINCIPAL	PRINCIPALS	314	0.03	213	67.83	55
19	SUF	SHINY	SHINEY	296	0.03	99	33.45	8
20	COM	A LOT	ALOT	283	0.03	283	100.00	5
21	VOW	SURPRISE	SUPRISE	272	0.03	84	30.88	13
22	POS	GIRL'S	GIRLS	266	0.03	189	71.05	3
23	COM	CAVE MEN	CAVEMEN	258	0.02	257	99.61	6
24	COM	CHALKBOAR	CHALK BOAR	258	0.02	105	40.70	18
25	C	TOMORROW	TOMMOROW	254	0.02	114	44.88	33
26	CON	WHAT'S	WHATS	223	0.02	92	41.26	5
27	CON	WE'RE	WERE	214	0.02	126	58.88	3
28	VOW	WEREN'T	WERN'T	212	0.02	64	30.19	12
29	VOW	SURPRISED	SUPRISED	205	0.02	92	44.88	13
30	POS	TEACHER'S	TEACHERS	204	0.02	129	63.24	5
31	COM	ANYMORE	ANY MORE	203	0.02	64	31.53	5
32	COM	CAVE MAN	CAVEMAN	199	0.02	199	100.00	8
33	VOW	BELIEVE	BELIVE	175	0.02	55	31.43	11
34	HOM	ALLOWED	ALOUD	171	0.02	69	40.35	11
35	COM	ICE-SKATE	ICE SKATE	169	0.02	153	90.53	13
36	HOM	STRAIGHT	STRAIT	169	0.02	63	37.28	20
37	CON	THERE'S	THERES	167	0.02	61	36.53	9
38	VOW	LOSING	LOOSING	165	0.02	56	33.94	6
39	C	SUBSTITUT	SUBSITUTE	165	0.02	59	35.76	18
40	COM	BLACKBOAR	BLACK BOAR	146	0.01	59	40.41	14
41	VOW	YEAH	YA	144	0.01	64	44.44	11
42	COM	THEMSELVE	THEM SELVE	121	0.01	37	30.58	15
43	POS	BOY'S	BOYS	120	0.01	72	60.00	2
44	OTH	PAID	PAYED	120	0.01	47	39.17	4
45	COM	EVERYWHER	EVERY WHER	118	0.01	36	30.51	12
46	HOM	LOSE	LOOSE	110	0.01	43	39.09	6
47	COM	GO-CART	GOCAR	100	0.01	57	57.00	13
48	VOW	JEWELRY	JEWLERY	94	0.01	65	69.15	22
49	OTH	BARBECUE	BAR-B-Q	93	0.01	64	68.82	19
50	COM	BUBBLE GU	BUBBLEGUM	89	0.01	89	100.00	10

Rank	Cat.	Root word	Error word	Attempts	Attempt Percent	Error Number	Error Percent	Variants
51	VOW	REALIZED	RELIZED	89	0.01	30	33.71	7
52	SUF	ESPECIALL	ESPECIALY	87	0.01	36	41.38	27
53	OTH	MISS	MISS.	85	0.01	85	100.00	1
54	OTH	COMPETITI	COMPETION	83	0.01	52	62.65	18
55	VOW	DINOSAUR	DINASOUR	83	0.01	36	43.37	17
56	COM	BACKYARD	BACK YARD	81	0.01	37	45.68	3
57	HOM	BYE	BY	80	0.01	26	32.50	3
58	VOW	POTATO	POTATOE	76	0.01	25	32.89	7
59	POS	ITS	IT'S	75	0.01	23	30.67	1
60	SUF	BEGINNING	BEGINING	74	0.01	35	47.30	9
61	OTH	GOING TO	GONNA	70	0.01	70	100.00	6
62	SUF	SHINING	SHINNING	70	0.01	25	35.71	5
63	MV	EMBARRASS	EMBARASSED	69	0.01	62	89.86	37
64	OTH	REMEMBERE	REMBERED	69	0.01	21	30.43	10
65	MV	APOLOGIZE	APOLIGIZE	68	0.01	55	80.88	34
66	SUF	LUCKILY	LUCKLY	67	0.01	28	41.79	9
67	SUF	IMMEDIATE	IMMEDIATLY	65	0.01	41	63.08	25
68	MV	APOLOGIZE	APOLIGIZED	64	0.01	39	60.94	22
69	C	DUMB	DUM	64	0.01	20	31.25	7
70	OTH	MA'AM	MAM	63	0.01	46	73.02	12
71	COM	WHATEVER	WHAT EVER	63	0.01	23	36.51	4
72	MUL	LIFEGUARD	LIFE GAURD	61	0.01	35	57.38	11
73	C	DISAPPOIN	DISAPOINTE	59	0.01	38	64.41	14
74	VOW	MEANT	MENT	58	0.01	20	34.48	3
75	MV	IGNORED	EGNORED	56	0.01	17	30.36	13
76	OTH	BLONDE	BLOND	54	0.01	36	66.67	2
77	MV	PADDLE	PATTLE	54	0.01	18	33.33	11
78	VOW	TOURNAMEN	TOURNMENT	54	0.01	22	40.74	14
79	COM	DOWNSTAIR	DOWN STAIR	53	0.01	30	56.60	7
80	HOM	MEDAL	METAL	53	0.01	21	39.62	7
81	COM	BACKGROUN	BACK GROUN	52	0.01	19	36.54	7
82	VOW	BRACELETS	BRACLETS	52	0.01	26	50.00	10
83	VOW	WEIRD	WIERD	52	0.01	16	30.77	4
84	MV	BUSINESS	BUISNESS	51	0.01	30	58.82	15
85	MV	PADDLING	PADDELING	51	0.01	19	37.25	14
86	COM	NO ONE	NOONE	51	0.01	51	100.00	9
87	MV	VALUABLE	VALUBLE	51	0.01	18	35.29	10
88	COM	EVERY DAY	EVERYDAY	50	0.01	50	100.00	5
89	COM	YOURSELF	YOUR SELF	50	0.01	17	34.00	5
90	POS	FRIEND'S	FRIENDS	49	0.01	38	77.55	5
91	COM	CANNOT	CAN NOT	48	0.01	32	66.67	3
92	C	EXPELLED	EXSPELLED	47	***.**	19	40.43	10
93	HOM	LAID	LAYED	47	***.**	27	57.45	4
94	C	REFERRAL	REFERAL	47	***.**	40	85.11	15
95	COM	SOMEWHERE	SOME WHERE	46	***.**	14	30.43	4
96	COM	WHENEVER	WHEN EVER	46	***.**	24	52.17	2
97	C	SUSPENSIO	SUSPENTION	45	***.**	24	53.33	18
98	C	ANNOUNCED	ANOUNCED	44	***.**	18	40.91	6
99	HOM	FOURTH	FORTH	44	***.**	16	36.36	2
100	POS	KIDS'	KIDS	44	***.**	42	95.45	3
101	COM	EACH OTHE	EACHOTHER	42	***.**	42	100.00	2
102	COM	EVERYDAY	EVERY DAY	42	***.**	23	54.76	4
103	SUF	WRAPPED	WRAPED	42	***.**	13	30.95	3
104	C	CONCENTRA	CONSENTRAT	40	***.**	20	50.00	8

Rank	Cat.	Root word	Error word	Attempts	Attempt Percent	Error Number	Error Percent	Variants
105	MV	NEIGHBORS	NOBERS	40	***.**	17	42.50	13
106	SUF	ANGRILY	ANGERLY	39	***.**	12	30.77	9
107	COM	CAVE PEOP	CAVEPEOPLE	38	***.**	38	100.00	3
108	COM	HOT DOGS	HOTDOGS	38	***.**	38	100.00	2
109	VOW	ELEMENTAR	ELEMENTRY	38	***.**	16	42.11	7
110	COM	COOKOUT	COOK OUT	37	***.**	20	54.05	2
111	MV	HOLLERED	HOLLARD	36	***.**	17	47.22	10
112	VOW	EXCITEMEN	EXCITMENT	36	***.**	15	41.67	6
113	CON	HERE'S	HERES	36	***.**	15	41.67	3
114	COM	THREE-WHE	THREE WHEE	36	***.**	22	61.11	4
115	COM	NOWHERE	NO WHERE	34	***.**	13	38.24	5
116	VOW	RECEIVE	RECIEVE	34	***.**	17	50.00	2
117	HOM	BUZZER	BUZZARD	33	***.**	10	30.30	6
118	COM	DAYDREAMI	DAY DREAMI	33	***.**	17	51.52	7
119	POS	DAD'S	DADS	33	***.**	13	39.39	1
120	COM	EVERY TIM	EVERYTIME	33	***.**	32	96.97	4
121	POS	PEOPLE'S	PEOPLES	33	***.**	23	69.70	3
122	COM	IN TROUBL	INTROUBLE	33	***.**	33	100.00	6
123	MV	INCIDENT	INSIDENT	33	***.**	18	54.55	13
124	POS	SCHOOL'S	SCHOOLS	33	***.**	21	63.64	4
125	C	INTERRUPT	INTERUPTED	32	***.**	23	71.88	7
126	POS	BROTHER'S	BROTHERS	31	***.**	25	80.65	2
127	COM	ICE CREAM	ICECREAM	31	***.**	31	100.00	4
128	VOW	MORAL	MOREL	31	***.**	10	32.26	6
129	COM	UPSTAIRS	UP STAIRS	31	***.**	14	45.16	2
130	MV	CHALLENGE	CHALANGE	30	***.**	12	40.00	7
131	C	EARRINGS	EARINGS	30	***.**	17	56.67	3
132	POS	MAN'S	MANS	30	***.**	15	50.00	1
133	HOM	WHOSE	WHO'S	30	***.**	17	56.67	3
134	MV	AFTERWARD	AFTER WORD	29	***.**	9	31.03	6
135	POS	CHILDREN'	CHILDRENS	29	***.**	14	48.28	1
136	VOW	CHARCOAL	CHARCOLE	29	***.**	10	34.48	7
137	SUF	EXTREMELY	EXTREMLY	28	***.**	13	46.43	7
138	COM	FOUR-WHEE	FOUR WHEEL	28	***.**	14	50.00	3
139	MV	NEIGHBOR	NEIGBOR	28	***.**	10	35.71	8
140	C	NONSENSE	NONSENCE	28	***.**	9	32.14	3
141	COM	WHOEVER	WHO EVER	28	***.**	18	64.29	4
142	VOW	WEDNESDAY	WEDNSDAY	28	***.**	14	50.00	8
143	HOM	BUTT	BUT	27	***.**	13	48.15	1
144	HOM	ACCEPTED	EXCEPTED	27	***.**	13	48.15	8
145	COM	HALFWAY	HALF WAY	27	***.**	15	55.56	2
146	VOW	DINOSAURS	DINASOURS	27	***.**	11	40.74	8
147	MV	UNFORTUNA	UNFORTUNAT	27	***.**	21	77.78	16
148	VOW	UNUSUAL	UNUSAL	27	***.**	10	37.04	5
149	C	COMMOTION	COMOTION	26	***.**	16	61.54	6
150	C	ANNOUNCER	ANNOUCER	26	***.**	12	46.15	9
151		BELIEVED	BELIVED	26	***.**	8	30.77	4
				24892	2.36	12077		

Appendix H

Grade 7 Spelling Word List

Rank	Cat.	Root word	Error word	mpts	Attempt Percent	Error Number	Error Percent	Variants
1	HOM	THEIR	THERE	842	0.30	336	39.90	12
2	COM	SEAT BELT	SEATBELT	433	0.16	433	100.00	14
3	HOM	TOO	TO	429	0.15	227	52.91	2
4	CON	IT'S	ITS	362	0.13	163	45.03	3
5	OTH	PROBABLY	PROBLY	285	0.10	112	39.30	36
6	HOM	YOU'RE	YOUR	284	0.10	222	78.17	6
7	CON	THAT'S	THATS	261	0.09	138	52.87	3
8	VOW	DOESN'T	DOSEN'T	216	0.08	68	31.48	15
9	HOM	PRINCIPAL	PRINCIPLE	202	0.07	69	34.16	23
10	COM	SEAT BELT	SEATBELTS	192	0.07	192	100.00	10
11	VOW	LOSING	LOOSING	173	0.06	70	40.46	8
12	VOW	WINDSHIEL	WINDSHEILD	164	0.06	81	49.39	25
13	COM	A LOT	ALOT	162	0.06	162	100.00	6
14	HOM	THEY'RE	THEIR	159	0.06	122	76.73	6
15	SUF	POPPED	POPED	146	0.05	57	39.04	7
16	VOW	USUALLY	USALLY	131	0.05	43	32.82	15
17	COM	EVERYBODY	EVERY BODY	125	0.05	41	32.80	6
18	HOM	WHERE	WERE	120	0.04	37	30.83	2
19	OTH	'CAUSE	CAUSE	113	0.04	110	97.35	5
20	SUF	SINCERELY	SINCERLY	94	0.03	50	53.19	18
21	CON	LET'S	LETS	82	0.03	40	48.78	2
22	CON	THERE'S	THERES	81	0.03	38	46.91	3
23	SUF	SAFETY	SAFTY	79	0.03	24	30.38	6
24	MV	SUPPOSED	SUPOSED	76	0.03	31	40.79	17
25	COM	DASHBOARD	DASH BOARD	70	0.03	36	51.43	10
26	VOW	STEERING	STEARING	69	0.03	31	44.93	12
27	POS	GIRL'S	GIRLS	64	0.02	43	67.19	4
28	SUF	STUDYING	STUDING	64	0.02	24	37.50	3
29	CON	WHAT'S	WHATS	64	0.02	33	51.56	4
30	COM	CHALKBOAR	CHALK BOAR	58	0.02	26	44.83	8
31	POS	TEACHER'S	TEACHERS	56	0.02	32	57.14	3
32	COM	CHAMPIONS	CHAMPION S	55	0.02	20	36.36	12
33	SUF	JAMMED	JAMED	55	0.02	20	36.36	5
34	HOM	BRAKES	BREAKS	53	0.02	16	30.19	3
35	POS	ITS	IT'S	53	0.02	22	41.51	1
36	CON	WE'RE	WERE	53	0.02	38	71.70	4
37	MV	UNCOMFORT	UNCOMFERTA	49	0.02	18	36.73	16
38	POS	PRINCIPAL	PRINCIPALS	44	0.02	33	75.00	10
39	COM	CANNOT	CAN NOT	43	0.02	14	32.56	2
40	MV	INSTANCE	INSTANT	41	0.02	13	31.71	10
41	SUF	POPPING	POPING	40	0.01	17	42.50	1
42	MV	ESPECIALL	SPECIALLY	39	0.01	13	33.33	12
43	VOW	ROOTING	ROUTING	39	0.01	14	35.90	6
44	MV	THEMSELVE	THEM SELVE	39	0.01	19	48.72	13
45	C	TOMORROW	TOMMORROW	38	0.01	24	63.16	10
46	VOW	BLEACHERS	BLEECHERS	35	0.01	13	37.14	7
47	OTH	SEES	SEE'S	35	0.01	11	31.43	1
48	HOM	STRAIGHT	STRAIT	35	0.01	12	34.29	5
49	SUF	INJURIES	INJURES	30	0.01	14	46.67	6
50	HOM	MIGHT	MITE	30	0.01	30	100.00	10

Rank	Cat.	Root word	Error word	Attempts	Attempt Percent	Error Number	Error Percent	Variants
51	C	WRECKS	RECKS	30	0.01	12	40.00	4
52	HOM	BORED	BOARD	29	0.01	10	34.48	4
53	MV	REFEREE	REFAREE	28	0.01	11	39.29	9
54	VOW	YEAH	YA	28	0.01	10	35.71	4
55	MV	DISCIPLIN	DECIPLINE	27	0.01	18	66.67	12
56	COM	BLACKBOAR	BLACK BOAR	26	0.01	10	38.46	2
57	VOW	THEREFORE	THEREFOR	26	0.01	9	34.62	5
58	VOW	EXPLAININ	EXPLANING	25	0.01	8	32.00	3
59	OTH	GOING TO	GONNA	25	0.01	25	100.00	2
60	COM	EVERYDAY	EVERY DAY	25	0.01	9	36.00	4
61	OTH	STOLE	STOLED	25	0.01	9	36.00	6
62	COM	WHATEVER	WHAT EVER	24	0.01	9	37.50	1
63	HOM	ROLL	ROLE	23	0.01	9	39.13	2
64	HOM	WHETHER	WEATHER	23	0.01	13	56.52	4
65	C	TEAMMATES	TEAMATES	21	0.01	16	76.19	3
66	MV	OPPOSITE	OPOSITE	21	0.01	9	42.86	8
67	SUF	BEGINNING	BEGINING	19	0.01	12	63.16	4
68	POS	PEOPLE'S	PEOPLES	19	0.01	13	68.42	1
69	COM	LAY-UP	LAYUP	18	0.01	7	38.89	3
70	POS	TEAM'S	TEAMS	18	0.01	10	55.56	2
71	COM	WHENEVER	WHEN EVER	18	0.01	8	44.44	3
72	OTH	BLOND	BLONDE	17	0.01	7	41.18	2
73	MV	AUDIENCE	AUDIANCE	17	0.01	8	47.06	5
74	C	BRIDGE	BRIGE	17	0.01	6	35.29	2
75	CON	HAVEN'T	HAVENT	17	0.01	8	47.06	2
76	MV	EMERGENCY	EMERGANCY	17	0.01	6	35.29	5
77	COM	ANYWHERE	ANY WHERE	17	0.01	6	35.29	3
78	OTH	PAID	PAYED	17	0.01	9	52.94	2
79	C	WHIPLASH	WIPLASH	17	0.01	8	47.06	5
80	MV	COMFORTAB	COMFORATAB	16	0.01	5	31.25	5
81	POS	BOY'S	BOYS	16	0.01	9	56.25	1
82	COM	MYSELF	MY SELF	16	0.01	5	31.25	2
83	MV	SURPRISED	SUPRISED	16	0.01	7	43.75	5
84	OTH	GOVERNMEN	GOVERMENT	15	0.01	8	53.33	3
85	MV	COLLISION	COLISION	15	0.01	10	66.67	6
86	MV	APOLOGIZE	APOLIGIS	15	0.01	6	40.00	6
87	C	ASSIGN	ASSING	15	0.01	6	40.00	3
88	MV	JEALOUS	JEALOUSE	15	0.01	6	40.00	5
89	MV	KNOCKED	NOCKED	15	0.01	5	33.33	4
90	VOW	UPON	APON	15	0.01	7	46.67	3
91	SUF	DYING	DIEING	14	0.01	11	78.57	4
92	COM	IN CASE	INCASE	14	0.01	14	100.00	2
93	MV	INVOLVED	INOVOLED	14	0.01	5	35.71	5
94	POS	SCHOOL'S	SCHOOLS	14	0.01	7	50.00	1
95	COM	MISBEHAVE	MISS BEHAV	14	0.01	5	35.71	2
96	MV	NORMALLY	NORMALY	14	0.01	5	35.71	4
97	MUL	VISITORS	VISTERS	14	0.01	7	50.00	2
98	OTH	BUCKLING	BUCKING	13	0.01	7	53.85	3
99	MV	BOO	BO	13	0.01	4	30.77	2
100	MV	DRIBBLES	DRIBLES	13	0.01	4	30.77	2
101	MV	LOOSE	LOSE	13	0.01	5	38.46	3
102	MV	NEITHER	NETHER	13	0.01	4	30.77	2
103	MV	PADDLING	PADDLEING	13	0.01	4	30.77	2
104	MV	TOUGH	THERIGH	13	0.01	4	30.77	4

Rank	Cat.	Root word	Error word	Attempts	Attempt Percent	Error Number	Error Percent	Variants
105	COM	WHOEVER	WHO EVER	13	0.01	7	53.85	1
106	POS	DRIVER'S	DRIVERS	12	***.**	11	91.67	2
107	MV	BOTTOM	BOTTUM	12	***.**	5	41.67	3
108	COM	ASLEEP	A SLEEP	12	***.**	4	33.33	2
109	MV	DISTURBAN	DISTERBENC	12	***.**	4	33.33	3
110	OTH	BLONDE	BLOND	12	***.**	7	58.33	2
111	VOW	PARALYZED	PARALIZED	12	***.**	11	91.67	4
112	MV	SITUATION	CITUATION	12	***.**	4	33.33	4
113	COM	UPSIDE	UP SIDE	12	***.**	4	33.33	2
114	HOM	BRAKE	BREAK	11	***.**	5	45.45	2
115	MV	INNING	INING	11	***.**	4	36.36	3
116	MV	STEALS	STILLS	11	***.**	4	36.36	3
117	MV	SPECIAL	SPECAEL	11	***.**	5	45.45	5
118	SUF	LONELY	LONLY	11	***.**	5	45.45	2
119	C	SUSPENSIO	SUSPENTION	11	***.**	4	36.36	2
120	MV	O'CLOCK	O CLOCK	11	***.**	5	45.45	4
121	MV	TROPHY	TROFE	11	***.**	4	36.36	4
122	MUL	ACCIDENTA	ACCEDENTLY	10	***.**	8	80.00	5
123	SUF	EXTREMELY	EXTREMLY	10	***.**	5	50.00	1
124	COM	HEAD-ON	HEAD ON	10	***.**	7	70.00	2
125	COM	BACK SEAT	BACKSEAT	10	***.**	10	100.00	1
126	CON	I AM	I'AM	10	***.**	10	100.00	3
127	POS	BROTHER'S	BROTHERS	10	***.**	5	50.00	1
128	COM	DAYDREAMI	DAY DREAMI	10	***.**	6	60.00	2
129	MV	APOLOGIZE	APOLIGIZED	10	***.**	6	60.00	5
130	COM	BUBBLE GU	BUBBLEGUM	10	***.**	10	100.00	5
131	VOW	CHESAPEAK	CHESAPEAK	10	***.**	4	40.00	2
132	COM	NOWHERE	NO WHERE	10	***.**	6	60.00	3
133	COM	TEAMMATE	TEAM MATE	10	***.**	9	90.00	2
134	VOW	TOURNAMEN	TOURNEMENT	10	***.**	10	100.00	4
135	MV	DAILY	DAYLY	9	***.**	3	33.33	1
136	MV	DIFFERENC	DEFFRINCE	9	***.**	4	44.44	4
137	MV	EVERYWHER	EVERY WHER	9	***.**	3	33.33	2
138	POS	FRIEND'S	FRIENDS	9	***.**	6	66.67	1
139	MV	HOLLERING	HOLLARING	9	***.**	5	55.56	4
140	MV	BUSINESS	BISSNESS	9	***.**	5	55.56	5
141	MV	EMBARRASS	EMBARRASED	9	***.**	6	66.67	5
142	MV	EXPERIENC	EXPEIRIENC	9	***.**	3	33.33	2
143	MV	BARELY	BARLE	9	***.**	5	55.56	5
144	MV	FIFTEEN	FIFFTEEN	9	***.**	3	33.33	2
145	MV	SUBSTITUT	SUBSTITUTE	9	***.**	4	44.44	2
146	MV	STEPPED	STEPED	9	***.**	3	33.33	1
147	MV	RECEIVED	RECIEVED	9	***.**	6	66.67	3
148	OTH	KIND OF	KINDA	9	***.**	9	100.00	2
149	MV	PLANNED	PLANED	9	***.**	3	33.33	1
150	MV	SURPRISE	SUPRISE	9	***.**	5	55.56	2
151	MV	STRICTER	STRICTOR	9	***.**	3	33.33	2
152	MV	SUBSTITUT	SUBSTATUTI	9	***.**	3	33.33	3
153	MV	LIMIT	LIMT	9	***.**	4	44.44	3
154	VOW	YEA	YA	9	***.**	6	66.67	2
				7961	2.86	4185		

Appendix I

Grade 8 Spelling Word List

Rank	Cat.	Root word	Error word	Attempts	Attempt Percent	Error Number	Error Percent	Variants
1	HOM	TOO	TO	416	0.12	202	48.56	2
2	OTH	PROBABLY	PROBALY	260	0.08	89	34.23	32
3	CON	IT'S	ITS	256	0.07	104	40.63	4
4	COM	A LOT	ALOT	208	0.06	208	100.00	4
5	CON	THAT'S	THATS	174	0.05	67	38.51	2
6	HOM	PRINCIPAL	PRINCIPLE	130	0.04	54	41.54	21
7	HOM	CLOTHES	CLOTHS	112	0.03	34	30.36	9
8	HOM	THEY'RE	THEIR	71	0.02	57	80.28	5
9	CON	WON'T	WONT	66	0.02	26	39.39	3
10	POS	GIRL'S	GIRLS	63	0.02	50	79.37	2
11	HOM	YOU'RE	YOUR	63	0.02	50	79.37	2
12	OTH	'CAUSE	CAUSE	62	0.02	58	93.55	5
13	VOW	RECEIVED	RECIEVED	59	0.02	25	42.37	4
14	VOW	SURPRISE	SUPRISE	58	0.02	27	46.55	4
15	SUF	POPPING	POPING	54	0.02	20	37.04	2
16	CON	WHAT'S	WHATS	51	0.02	26	50.98	1
17	CON	LET'S	LETS	50	0.01	32	64.00	1
18	CON	THERE'S	THERES	49	0.01	20	40.82	3
19	COM	THREE-WHE	THREE WHEE	48	0.01	32	66.67	3
20	COM	AWHILE	A WHILE	46	0.01	15	32.61	3
21	COM	CHALKBOAR	CHALK BOAR	43	0.01	16	37.21	5
22	VOW	SURPRISED	SUPRISED	41	0.01	17	41.46	5
23	POS	PRINCIPAL	PRINCIPALS	34	0.01	20	58.82	9
24	OTH	PAID	PAYED	33	0.01	13	39.39	1
25	POS	FRIEND'S	FRIENDS	32	0.01	25	78.13	4
26	CON	WE'RE	WERE	32	0.01	16	50.00	2
27	C	EIGHTH	EIGTH	31	0.01	10	32.26	3
28	POS	ITS	IT'S	31	0.01	10	32.26	2
29	OTH	THEMSELVE	THEIRSELVE	30	0.01	10	33.33	8
30	VOW	RESTAURAN	RESTURANT	29	0.01	24	82.76	14
31	POS	TEACHER'S	TEACHERS	27	0.01	17	62.96	2
32	POS	BOY'S	BOYS	26	0.01	18	69.23	1
33	POS	DAD'S	DADS	25	0.01	10	40.00	1
34	SUF	BEGINNING	BEGINING	25	0.01	17	68.00	6
35	OTH	GOING TO	GONNA	25	0.01	25	100.00	2
36	COM	EVERY DAY	EVERYDAY	24	0.01	24	100.00	2
37	COM	AIRPLANE	AIR PLANE	23	0.01	7	30.43	1
38	VOW	GUARD	GAURD	23	0.01	10	43.48	2
39	VOW	ROOTING	ROUTING	23	0.01	10	43.48	4
40	COM	WHATEVER	WHAT EVER	23	0.01	13	56.52	1
41	C	EMBARRASS	EMBARASSED	22	0.01	17	77.27	9
42	C	TENNESSEE	TENNESEE	22	0.01	7	31.82	3
43	COM	WHENEVER	WHEN EVER	22	0.01	7	31.82	1
44	C	APOLOGIZE	APPOLOGIZE	21	0.01	14	66.67	9
45	C	TEAMMATES	TEAM MATES	21	0.01	9	42.86	3
46	C	TOUCHDOWN	TOUGHDOWN	21	0.01	7	33.33	2
47	POS	TEAM'S	TEAMS	20	0.01	15	75.00	2
48	VOW	ARGUMENT	ARGUEMENT	19	0.01	9	47.37	2
49	POS	GRANDMOTH	GRANDMOTHE	19	0.01	11	57.89	2
50	VOW	REFEREE	REFREE	19	0.01	6	31.58	4

Rank	Cat.	Root word	Error word	Attempts	Attempt Percent	Error Number	Error Percent	Variants
51	OTH	CAST	CASTED	17	0.01	6	35.29	1
52	C	APOLOGIZE	APPOLOGIZE	17	0.01	7	41.18	4
53	VOW	DIVORCE	DIVERCE	17	0.01	6	35.29	4
54	SUF	IMMEDIATE	IMMEDIATLY	17	0.01	7	41.18	5
55	COM	OURSELVES	OUR SELVES	17	0.01	7	41.18	5
56	MV	PICNIC	PICNICK	17	0.01	7	41.18	5
57	VOW	YEAH	YA	17	0.01	9	52.94	3
58	C	DEFENSE	DEFFENSE	16	0.01	8	50.00	2
59	POS	BROTHER'S	BROTHERS	16	0.01	10	62.50	4
60	POS	GRANDPARE	GRANDPAREN	16	0.01	14	87.50	5
61	COM	DOWNSTAIR	DOWN STAIR	16	0.01	9	56.25	2
62	POS	MOTHER'S	MOTHERS	16	0.01	6	37.50	1
63	HOM	LAID	LAYED	16	0.01	7	43.75	2
64	VOW	VIDEO	VIDO	16	0.01	5	31.25	2
65	COM	BLACKBOAR	BLACK BOAR	15	***.**	9	60.00	2
66	HOM	ACCEPTED	EXCEPTED	15	***.**	5	33.33	1
67	VOW	DEFINITEL	DEFINATELY	15	***.**	8	53.33	6
68	OTH	BLONDE	BLOND	15	***.**	9	60.00	3
69	C	FEBRUARY	FEBUARY	15	***.**	10	66.67	4
70	OTH	PREGNANT	PREGANT	15	***.**	7	46.67	4
71	COM	EVERYDAY	EVERY DAY	14	***.**	5	35.71	1
72	VOW	GEAR	GER	14	***.**	5	35.71	1
73	COM	FIREWORKS	FIRE WORKS	14	***.**	5	35.71	1
74	COM	TEENAGER	TEEN AGER	14	***.**	5	35.71	1
75	MV	AIRPLANES	AIR PLANES	13	***.**	6	46.15	5
76	COM	ALL-STAR	ALL STAR	13	***.**	8	61.54	2
77	MV	BUSINESS	BUISNESS	13	***.**	4	30.77	3
78	COM	A LONG	ALONG	13	***.**	13	100.00	1
79	SUF	DROPPED	DROPED	13	***.**	4	30.77	2
80	COM	HALFTIME	HALF-TIME	13	***.**	6	46.15	1
81	VOW	RECEIVE	RECIEVE	13	***.**	13	100.00	3
82	C	MOTTOS	MOTOS	13	***.**	5	38.46	2
83	MV	STARING	STARRING	13	***.**	5	38.46	3
84	MV	SURGERY	SERGERY	13	***.**	6	46.15	6
85	C	WHETHER	WETHER	13	***.**	9	69.23	4
86	VOW	STEREO	STERO	13	***.**	7	53.85	2
87	MV	WEIRD	WERID	13	***.**	5	38.46	4
88	HOM	CASTLE	CATTLE	12	***.**	5	41.67	2
89	POS	AUNT'S	AUNTS	12	***.**	8	66.67	1
90	MV	DRIBBLING	DRIBBILING	12	***.**	4	33.33	3
91	MV	JEALOUS	JEOLOUS	12	***.**	7	58.33	6
92	COM	SIX FLAGS	SIXFLAGS	12	***.**	12	100.00	3
93	COM	SIGHTSEEI	SIGHT SEEI	12	***.**	10	83.33	3
94	OTH	MA'AM	MAM	12	***.**	9	75.00	2
95	VOW	MUSEUM	MUESUM	12	***.**	6	50.00	3
96	MV	PADDLING	PADLING	12	***.**	7	58.33	6
97	OTH	Y'ALL	YALL	12	***.**	12	100.00	3
98	OTH	VIRGINIA	VIRGINGER	12	***.**	4	33.33	1
99	HOM	STEAL	STEEL	12	***.**	5	41.67	1
100	MV	COUSIN'S	COUNSINS	11	***.**	5	45.45	3
101	HOM	FORTH	FOURTH	11	***.**	4	36.36	2
102	VOW	LICENSE	LICENS	11	***.**	9	81.82	5
103	C	ADMIT	ADMITT	10	***.**	6	60.00	3
104	MV	EXCELLENT	EXCELLANT	10	***.**	4	40.00	3

Rank	Cat.	Root word	Error word	Attempts	Attempt Percent	Error Number	Error Percent	Variants
105	MV	JEWELRY	JEWERLY	10	***.**	7	70.00	4
106	SUF	HOPPED	HOPED	10	***.**	4	40.00	1
107	MV	HELMET	HAMENT	10	***.**	5	50.00	4
108	MV	OPPONENT	OPPENENT	10	***.**	4	40.00	3
109	MV	SOUVENIRS	SOUVINEERS	10	***.**	7	70.00	6
110	VOW	TRAILER	TRAILOR	10	***.**	5	50.00	2
111	COM	TEDDY BEA	TEDDYBEAR	10	***.**	10	100.00	1
112	COM	TEAMMATE	TEAM MATE	10	***.**	5	50.00	2
113	SUF	CUTEST	CUTIEST	9	***.**	3	33.33	1
114	SUF	CARRYING	CARING	9	***.**	4	44.44	2
115	MV	AWFUL	AFUL	9	***.**	3	33.33	3
116	HOM	DESSERT	DESERT	9	***.**	4	44.44	1
117	MV	ANNOUNCED	ANNOCED	9	***.**	3	33.33	3
118	MV	HOLLERING	HOLLORING	9	***.**	3	33.33	2
119	MV	ENGINE	EANGEN	9	***.**	3	33.33	3
120	MV	DIAMOND	DIMOND	9	***.**	3	33.33	3
121	COM	EVERY TIM	EVERYTIME	9	***.**	9	100.00	1
122	COM	DOWNTOWN	DOWN TOWN	9	***.**	5	55.56	2
123	COM	GODMOTHER	GOD-MOTHER	9	***.**	9	100.00	1
124	COM	LAYUP	LAY-UP	9	***.**	5	55.56	2
125	POS	PLAYER'S	PLAYERS	9	***.**	8	88.89	2
126	VOW	LOSES	LOOSES	9	***.**	5	55.56	2
127	OTH	'TIL	TIL	9	***.**	6	66.67	2
128	COM	STEPMOTHE	STEP MOTHE	9	***.**	5	55.56	3
129	MV	WEIGHED	WADE	9	***.**	3	33.33	3
130	COM	BACKYARD	BACK YARD	8	***.**	5	62.50	1
131	POS	DAY'S	DAYS	8	***.**	6	75.00	1
132	MV	ANKLE	ANCLE	8	***.**	3	37.50	2
133	COM	BALL GAME	BALLGAME	8	***.**	8	100.00	1
134	MV	BURGER	BUGER	8	***.**	5	62.50	4
135	POS	FATHER'S	FATHERS	8	***.**	4	50.00	2
136	COM	HIGH SCHO	HIGHSCHOOL	8	***.**	8	100.00	2
137	MV	GEARS	GERS	8	***.**	3	37.50	2
138	COM	FREE THRO	FREE-THROW	8	***.**	8	100.00	3
139	SUF	DINING	DINNING	8	***.**	3	37.50	1
140	MV	FRUSTRATE	FUSTRATED	8	***.**	3	37.50	2
141	COM	HOME RUN	HOMERUN	8	***.**	8	100.00	2
142	COM	EACH OTHE	EACHOTHER	8	***.**	8	100.00	2
143	POS	OTHER'S	OTHERS	8	***.**	4	50.00	1
144	SUF	OCCURRED	OCCURED	8	***.**	7	87.50	2
145	COM	LIFETIME	LIFE TIME	8	***.**	3	37.50	1
146	MV	RESTAURAN	RESTURANTS	8	***.**	6	75.00	5
147	SUF	RIPPED	RIPED	8	***.**	5	62.50	3
148	C	WRECK	RECK	8	***.**	4	50.00	2
149	MV	WHOSE	WHO'S	8	***.**	3	37.50	2
150	MV	THEIRS	THEIR'S	8	***.**	4	50.00	3
151		TRYOUTS	TRAYOUTS	8	***.**	3	37.50	3
				4234	1.22	2233		